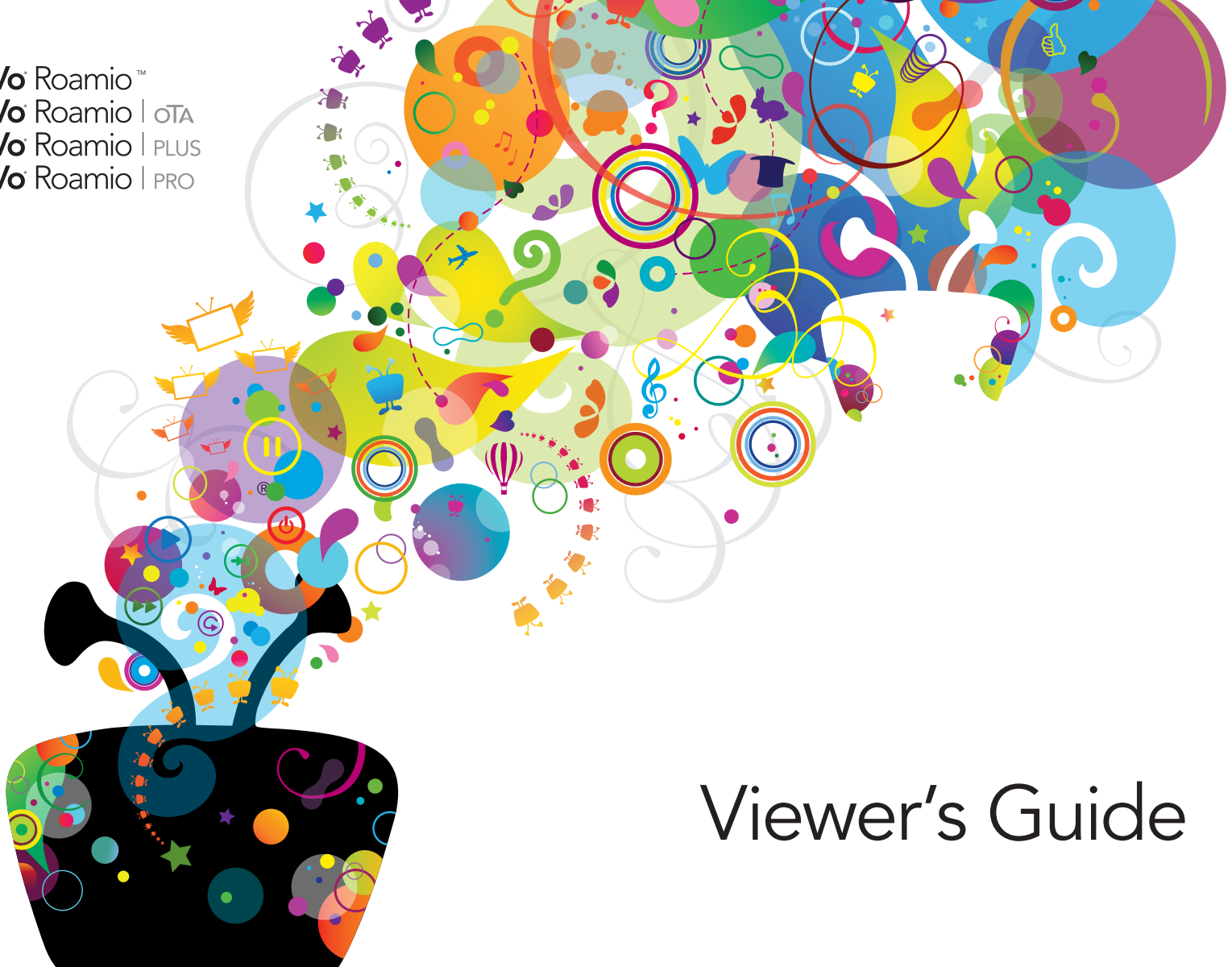
TiVo® Roamio™
TiVo® Roamio | OTA
TiVo® Roamio | PLUS
TiVo® Roamio | PRO



Viewer's Guide

Welcome

This *Viewer's Guide* describes features of the TiVo® service running on the TiVo Roamio™ family of Digital Video Recorders.

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Roamio VG V3 (January 2015)

Table of contents

Using this guide iv

Chapter 1: Quick tours 1
Quick tour - the TiVo Central® screen 2
Quick tour - My Shows 4
Quick tour - Watching live TV 8
Quick tour - OnePass 11
Quick tour - Streaming videos 14
Quick tour - Whole home solution 15
Quick tour - the TiVo app 17

Chapter 2: Finding & managing shows 19
Using the guide and mini-guide to find shows 20
Finding & recording shows 22
Recording by time or channel 27
Creating WishList® searches 30
Managing recordings & OnePass 33
Setting OnePass & recording options 35

Chapter 3: Watching shows 41
Moving around with the status bar 42
Getting information with the info banner 44

Chapter 4: Video on demand & more 45
Video on demand options 46
Music, photos, apps, & games 49

Chapter 5: Settings 51
Audio settings 52
Channel settings 53
Display settings 55
Network settings 56
Remote, CableCARD, & device settings 60
Video settings 65
Parental Controls settings 68
Messages 70
Account & system information 71
Restart or reset system 72
Standby 73

Chapter 6: Troubleshooting 75

Appendix A 87
Safety instructions 88
FCC statement to the user 91
Front panels 92
Back panel 94
Specifications 98

Index 99

Using this guide

Thank you for choosing a high-definition TiVo Roamio™ (four-tuner TiVo Roamio, Roamio OTA, Roamio Plus, or Roamio Pro) DVR.

Unless otherwise noted, features described in this guide apply to all four DVR models (four-tuner TiVo Roamio, Roamio OTA, Roamio Plus, and Roamio Pro). We'll use the term "TiVo Roamio" when we talk about all four models at once. Features that are available only on particular models will be noted.

Getting started

1. **Activate the TiVo® service.** The TiVo service is what makes your TiVo Roamio smart. It includes everything from your show listings to OnePass and WishList® searches. If you haven't yet activated your TiVo service, visit tivo.com/activate or call 1-877-367-8486.

   TiVo service is required and is sold separately. No functionality is represented or should be expected without a paid subscription to the TiVo service.

2. **Connect your TiVo Roamio.** Use the *Start Here* poster to connect the TiVo Roamio to your TV programming source, your home network, and your television.

3. **Complete Guided Setup.** After connecting your TiVo Roamio, follow the steps in on-screen Guided Setup. This configures the TiVo Roamio for your home, and ensures you have the latest product updates.

4. **Take a tour!** Once you're done with Guided Setup, the **Quick tours** in Chapter 1 of this guide will introduce you to the great things you can do with your TiVo box.

5. **Visit tivo.com/howto** For the latest information on how to use the features of your TiVo Roamio (including new features as they become available), visit tivo.com/howto.

Basic terms

When we talk about the TiVo service, here are some terms you should know:

Live TV. If you're watching a show as it's being broadcast, you're watching live TV. You can pause live TV for up to 30 minutes. When you resume watching, you're "behind" live TV. (You can always get to live TV by pressing the LIVE TV button on your remote).

Streaming. With the TiVo Roamio, you can stream shows from sources like Amazon, Netflix, and your cable company's video on demand service (if available). You can also stream recordings to or from another TiVo DVR in your network.

Host. When your TiVo Roamio streams shows to another TiVo DVR, your Roamio is a "host."

Client. TiVo DVR receiving streaming shows is the "client." Your TiVo Roamio can be a client, too! When you stream

shows from another TiVo DVR to your Roamio, your Roamio is a client.

Network Connection. Your TiVo Roamio can connect to your home network through either a wireless or wired connection (using either Ethernet or MoCA).

To get the most out of your TiVo experience, especially if you want to stream shows, you must use a wired connection -- either Ethernet or MoCA. For more on MoCA (Multimedia over Coax), see below. For more details on connecting your Roamio to your home network, see the *Start Here* poster that came with your TiVo box.

MoCA®. A MoCA (pronounced "Mocha," like the chocolate-flavored coffee drink!) connection is a great option if you want a wired connection to your TiVo box but you don't have easy access to a wired Ethernet cable. MoCA delivers the same high-speed network connection you get through an Ethernet cable, but delivers it through your existing coax wire (the wire you use to receive cable TV).* When you set up MoCA in your home, your TiVo box will receive cable TV and connect to your home network through that one cable!

And the best news? You can use your TiVo Roamio Plus or Roamio Pro to turn on MoCA throughout your whole home with nothing additional to buy! Just follow the instructions you'll find at tivo.com/moca, and you'll be ready to go in no time.

** The four-tuner TiVo Roamio and the TiVo Roamio OTA each require a MoCA Network Adapter to connect to a MoCA network. You can purchase the adapter at tivo.com/store.)*

TiVo service. If the TiVo Roamio is the body, the TiVo service is the brains! The TiVo Roamio uses the program information provided by the TiVo service to power the program guide, allow you to search for shows, and more.

Tuners. A tuner is a device found inside DVRs, TVs, cable boxes — anything designed to receive TV signals, including the TiVo Roamio. A tuner picks one channel to display; it "tunes" to that channel. Your TiVo Roamio Plus and Roamio Pro have six tuners inside and can record up to six shows at once. The four-tuner TiVo Roamio and the TiVo Roamio OTA have four tuners inside. Pressing the LIVE TV button while watching live TV will cycle through your tuners.

OTA. OTA refers to "over-the-air" programming, or a television signal that you receive using an HD antenna. The TiVo Roamio OTA receives its television signal this way.

CableCARD™ decoder. A CableCARD decoder is required for your TiVo Roamio Plus or Roamio Pro to receive cable programming. The four-tuner TiVo Roamio can use a CableCARD decoder or an over-the-air antenna to receive programming. The TiVo Roamio OTA does not a support CableCARD decoder; it can receive programming only from an over-the-air antenna. TiVo Roamio boxes do not receive analog channels. The TiVo Roamio Plus and Roamio Pro also do not receive over-the-air programming, and will not work with an over-the-air antenna.

Most of the largest cable providers have "digital simulcast," which means they rebroadcast all of their analog channel

programming on digital channels as well. This means that all or most programs available on analog channels are also available on digital channels when a CableCARD is inserted. Therefore, if your provider has “digital simulcast” and rebroadcasts all of its programming in digital, you will not miss any of your cable channel programming with a TiVo Roamio Plus and Roamio Pro. If you are unsure whether your cable operator's service provides all-digital or digital simulcast of all analog programming, please contact your provider. If you plan to relocate to a new area or change your video service provider, please contact your new provider to determine whether it offers all-digital or digital simulcast service for all its analog programming. Note that certain advanced and interactive digital cable services such as video-on-demand, a cable operator's enhanced program guide, and data-enhanced television services may require the use of a set-top box. For more information call your local cable operator.

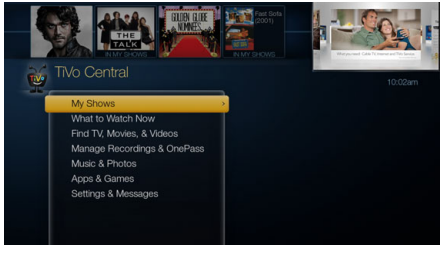
1

Quick tours

Quick tour - the TiVo Central® screen	2
Quick tour - My Shows	4
Quick tour - OnePass	8
Quick tour - Streaming videos	10
Quick tour - Watching live TV	11
Quick tour - Whole home solution	14
Quick tour - the TiVo app	16

Quick tour - the TiVo Central® screen

Your starting point - the TiVo Central screen



The TiVo Central screen is the starting point for just about everything you do with your TiVo Roamio. From the TiVo Central screen, you can see a list of all the shows you've recorded, find new shows to watch, explore great video on demand choices, and more.

To get to the TiVo Central screen from live TV or any TiVo screen, just press the TiVo button on your remote control.

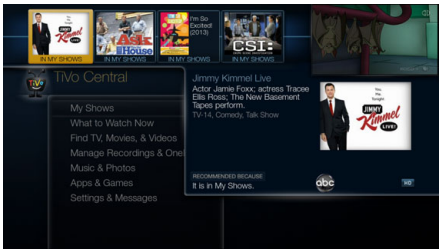
The Video Window

The Video Window is located in the upper right corner of the TiVo Central screen and most other TiVo menu screens, unless you choose to turn it off or temporarily hide it. The Video Window continues playing the show you were watching when you entered the TiVo Central screen.

Press PAUSE on your TiVo remote to pause the Video Window, and press PAUSE again to resume playing.

To temporarily hide the Video Window, press SLOW on your TiVo remote. Press SLOW again to restore the Video Window.

If you'd rather permanently turn off the Video Window, from the TiVo Central screen select 'Settings & Messages,' then 'Settings,' then 'Displays,' then 'Video Window.'



Discovery Bar

The Discovery Bar is the bar of thumbnail images across the top of the TiVo Central screen and many other TiVo menu screens. What you'll see in the Discovery Bar depends on you! Often, the Discovery Bar displays ideas for show you might like based on what shows you record and mark as your favorites. For example, if you record the show "American Idol," the

Discovery Bar might display thumbnails for other shows, like "So You Think You Can Dance." It all depends on what you're interested in and what's available to you.

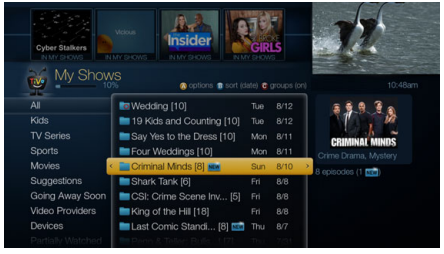
The Discovery Bar also displays lots of other great viewing options: popular shows or sports events that are playing on live TV, items from your My Shows list, TiVo Suggestions, new video on demand shows, and more!

Press the UP arrow to move up to the Discovery Bar, then the LEFT and RIGHT arrows to move around. Press SELECT on an image that interests you to open an information screen about that item.

. . . and more!

From the TiVo Central screen, you can find shows, manage upcoming recordings and OnePasses, and explore a variety of apps available on your TiVo Roamio. You'll learn more about these options later in this guide, but remember — it all starts from TiVo Central.

Quick tour - My Shows



All of your recordings, streaming videos, and downloaded/transferred shows appear in the My Shows list. To get to the My Shows list from any menu screen or from live TV, just press the TiVo button twice. (Press it only once if you're already on the TiVo Central screen.)

Highlight any title in My Shows (even a show that's currently recording) and press PLAY ▶ to play the show from the beginning, or to resume playing from where you left off.

Highlight a title and press the SELECT button to open an information screen, where you'll be able to play, delete, or get more information about the show. See Program details screen to learn more.

To delete an individual show or a folder, highlight it and press the CLEAR button Clear. If you are deleting a OnePass folder that contains recordings, you will have the option to convert the recordings to streaming videos. This option can be useful if you are trying to conserve disk space. See Quick tour - OnePass to learn more about OnePass.

When viewing the My Shows list, use the CH UP/DOWN button to jump an entire page at a time. ▲ Ch ▼

Available space

A small bar underneath the words "My Shows" on the My Shows screen lets you know how much space you have available for new recordings on your TiVo Roamio. If you don't want to see the amount of space used, hide the bar by pressing the A button on your TiVo remote while viewing the My Shows screen.

Using My Shows categories

The left column of the My Shows list contains categories that help you quickly locate shows in the list. Highlight a category in the left column to view shows only in that category; for example, highlight "Kids" to view only kids' shows, or "Movies" to view only movies. Personalize your My Shows list by hiding certain categories or changing the category order.

1. Press the A button and select 'Show categories.'

example, highlight "Kids" to view only kids' shows, or "Movies" to view only movies. Personalize your My Shows list by hiding certain categories or changing the category order.

1. Press the A button and select 'Show categories.'
2. Highlight a category you want to hide, and press SELECT to remove the check mark.
3. To change the order of the categories, highlight the one you want to move, press the RIGHT arrow, and then use the UP and DOWN arrows to place the category where you want it.
4. When you're happy with your list, press A twice to return to the My Shows list.

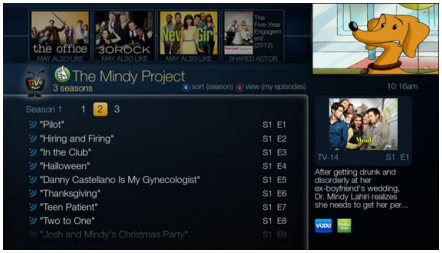
Note: When the "Kids" category is turned on, kids shows and movies will appear only in that category. (For example, you'll find kids movies under "Kids," not under "Movies.")

My Shows folders

Shows are organized into folders, and a number in parentheses to the right of each folder shows how many recordings it contains. In addition to folders for each OnePass you've created, you'll also see the following folders:

- **Streaming Movies** Contains links to movies that are available to stream. See Quick tour - Streaming videos to learn more.
- **TiVo Suggestions** If you have auto-recording of Suggestions turned on, any recorded Suggestions appear here.
- **WishList® searches** If your WishList searches are set to auto-record, any matches will be added to a WishList folder.
- **Currently Unavailable** Contains links to streaming videos you've chosen that are not currently available from any of your video providers. When items become available, they will be moved to the appropriate My Shows category.

When you highlight the group name and press the PLAY button ▶, all of the shows in the group play in sequence, beginning with the oldest.



In My Shows, available streaming videos are marked with a blue streaming icon:

Unavailable streaming vidoes are marked witha grey icon: .

- **Recently Deleted Recordings** Contains recently deleted recordings that are available for recovery.

A show's title may appear in more than one group. When you delete a show in one folder, the title also disappears from any other group.

Season selector

If a OnePass group contains more than one season and more than 30 episodes, a season selector will be displayed at the top of the list. Use it to easily jump between seasons.

Progress bar

When you watch a OnePass recording, a progress bar will appear next to its title in the OnePass folder. This can help you keep track of which episodes you've watched, and which you haven't. Note that the progress bar does not appear for streaming videos.

Sorting and filtering shows

You can view My Shows either alphabetically by title (from A to Z) or by date added. Press the B button to change how the list is sorted. Press it again to switch back.

When viewing a OnePass folder, press the B button to sort by season, date, or newest to oldest. Press the C button to filter your OnePass views:

- **My episodes** Displays only episodes that match your OnePass options. For example, if you set up your OnePass to start at Season 3 and exclude episodes that require purchase to view, only free episodes from Season 3 onward will be displayed. You can watch or delete shows from this view.
- **All episodes** Displays all episodes, regardless of your OnePass options. For example, even if your OnePass starts at Season 3 and excludes episodes that require purchase to view, this view will display all episodes in the series. You can watch episodes from this list, but you can't delete them.

- **Recordings** Displays only recordings included in your OnePass. This view can be helpful if you are trying to manage disk space.

Program details screen

You can highlight any show in My Shows and press SELECT to see the program details screen, which offers these options:

- **Play** (or **Resume playing** if you're returning to a partially watched show).
- **Delete now** (or **Stop recording** if recording is in progress).
- **Related videos** Watch YouTube™ videos related to the show and more.
- **Explore this show** Find details about the show, including information about upcoming episodes and cast members.
- **More options** Choose how long to keep a recording (by default, recordings are saved until space is needed for new ones), view upcoming episodes or broadcasts of a show or movie, or get/modify a OnePass.

Quick tour - OnePass

OnePass, which replaces Season Pass® recordings, gathers *every* episode of a series available *anywhere* and adds them right to your My Shows list to watch instantly. If an episode isn't available on TV or on demand, OnePass fills in the gaps with episodes from streaming video providers like Netflix, Amazon Prime, and more. Forget about knowing when a show will be airing or wondering which streaming video service has it available: the TiVo Service does it for you, so you can start watching right away!

And here's even better news: streaming videos don't take up any disk space! So when your OnePass includes streaming videos, you get more choices without having to worry about saving space for other recordings.

To create a OnePass, find a series you want to watch, then choose 'Create a OnePass.' A OnePass folder for the series will be instantly created in My Shows and all available episodes will be added.

To learn more about sorting and filtering a OnePass in My Shows, see My Shows folders and Sorting and filtering shows. For common questions about OnePass, see the Troubleshooting chapter.

Note: OnePass works best when your video provider list is up to date, with as many providers as possible selected. For more information, see My video providers.

OnePass options

When you create a OnePass, you can choose options that will give you exactly the results you want. Just highlight 'Create a OnePass,' then press the RIGHT arrow and select 'Options.' You can also change the options of any existing OnePass by going to the OnePass Manager. See Using the OnePass Manager for more information. Options include:

Include Choose to include recordings, streaming videos (from sources like Amazon Prime, Hulu Plus, and Netflix), or both in your OnePass results. Including streaming videos in your OnePass will give you the best results, and streaming videos don't take up any disk space!

Start from Want to watch from the beginning? Choose Season 1. Just need to catch up? Choose a different season. Only want new episodes? Choose 'New episodes only.'

Rent or buy: Decide whether to include episodes that need to be purchased before viewing. (The TiVo Service will not purchase the items for you; you will have the option to purchase them at the time of viewing.)

If your OnePass includes recordings, the following options are also available:

Record Skip reruns or watch them all? Choose 'New only' to avoid reruns, or 're-runs' to get every episode.

Channel Choose the channel on which to record the show, when more than one channel is available.

Get in HD When you set the 'Channel' setting (above) to 'All,' you can choose how often to get the HD version of a show: always, never, or if possible. Note that if you choose 'always' and a show is not available in HD, it won't be recorded. Likewise, if you choose 'never' and a show is *only* available in HD, it won't be recorded.

Keep At Most Set the maximum number of recordings to be saved.

Keep Until Choose how long to keep a recording (or each episode of a repeating recording). 'Space needed' is the default setting, or choose 'Until I delete' and your TiVo box won't delete this episode to record something new.

Start Recording Start recording up to ten minutes before a show is scheduled to begin. (This option is available only before recording starts.)

Stop Recording Set a recording to continue — for a few minutes or up to three hours — after it's scheduled to end. You can change this setting when you set up the recording, or while the recording is in progress.

You can cancel the recording of any episode in a OnePass by highlighting the title in the To Do List and pressing the CLEAR button

. You can delete the entire OnePass or change its options using the OnePass Manager (see Using the OnePass Manager for more info).

Quick tour - Streaming videos

When you look for movies or individual episodes of series using the TiVo menus, your options include videos available to stream from all of your video providers -- no need to switch to a different app! When you find a streaming video, choose 'Watch now' to watch it instantly.

Don't have time to watch it now? Rather than search for it again later, add a link to the video directly to My Shows, so it'll be there waiting when you're ready. Just choose 'Add this streaming video.'

Currently available streaming movies are added to My Shows in the 'Movies' category or to the 'Streaming Movies' folder in the 'All' category. Available TV shows are added to the 'TV Series' category.

If a streaming video is currently unavailable from any of your video providers, it's added to the 'Currently Unavailable' group at the bottom of My Shows. When the video becomes available, it will automatically be added to the appropriate My Shows category or folder.

Want to add a specific episode from a series? From the series information page, choose 'Episode Guide' and then select the episode you want to watch. Choose 'Add this streaming video' to add it to your My Shows list.

Quick tour - Watching live TV

When you're watching a show as it's broadcast, you're watching live TV. Press the LIVE TV button to go to live TV from any TiVo screen.

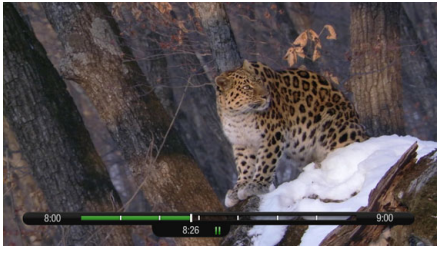
Moving around in time

1. First, press the PAUSE button. You can pause live TV for up to 30 minutes.

When you pause live TV, you see a status bar showing a one-hour period. The green segment shows the portion of the hour that has been saved by your TiVo Roamio. The white line marks your current point in time. When the white line is back in the green segment, you're "behind" live TV.

2. Press PLAY to continue watching the show. Next, press REWIND and the show rewinds. Press REWIND a second time to rewind faster, and a third time to go at triple speed. Press PLAY at any time to return to normal speed.
3. Press PAUSE again, and, with the show paused, press FAST FORWARD to move a small step forward. Press REWIND to move a small step back. Press PLAY to resume watching at normal speed.
4. Press the REPLAY button. The show jumps back 8 seconds — useful for when you miss a great sports play or a bit of dialog, or for when you fast forward too far.
5. Press REPLAY again, then immediately press SLOW to see your own slow-motion replay.
6. Press the ADVANCE button. You'll instantly move forward 30 seconds.
7. Press and hold the ADVANCE button and presto! You're caught up to live TV.

Before you begin, take a few moments to make sure the TiVo Roamio's video settings are optimized for your TV. From the TiVo Central screen, select 'Settings & Messages', then 'Settings', then 'Video.' See Video settings for more details.



You can customize the ADVANCE button on the remote. See Remote control settings for information.

8. Press and hold the REPLAY button to skip back to the beginning of the saved portion.

Changing channels

To move one channel at a time, press CH UP/DOWN on the TiVo remote.

To go to a specific channel, use the numbers on your remote control, then press ENTER. (If you don't press ENTER, the channel changes automatically after a few seconds.) To jump back to the previous channel on the same tuner, press ENTER again.

Tired of channel surfing? Press GUIDE to display the program guide. Highlight any show and press SELECT. If the show is currently on, the channel changes. If the show is on later, you'll see options to record it. Learn more in Using the guide and mini-guide to find shows.

Watching multiple shows at once

Your TiVo Roamio can watch (and record!) multiple shows at the same time -- up to six on the TiVo Roamio Plus and Roamio Pro, and up to four on the TiVo four-tuner TiVo Roamio and TiVo Roamio OTA. Go ahead, try it:

1. First, press PAUSE to pause the live TV show you're watching. Let's call the tuner you're watching "Tuner 1."
2. Press LIVE TV to switch to the next tuner, "Tuner 2." Whenever you press LIVE TV, you'll switch to the next tuner in line.

   Note: You may see the same channel on more than one tuner.
3. Change the channel if you like, watch the new show for a few moments, then press LIVE TV again to switch to Tuner 3.
4. Change the channel, watch for a few moments, then press PAUSE.

5. Press LIVE TV again to switch to Tuner 4. Again, change the channel, watch for a few moments, then press PAUSE.
6. Press LIVE TV once more to switch to Tuner 1. Notice that the first show you were watching is still paused. Press PLAY ▶ (or PAUSE again) to continue watching the show.
7. Press LIVE TV to switch to Tuner 2. Because you didn't pause this show, it's still playing. Press REWIND ◀◀ to watch the part of the show you missed. Press PLAY to start playing.
8. Continue pressing LIVE TV to cycle through the rest of the tuners, and back to Tuner 1. Shows you that paused are still paused; shows you were watching are still playing. You can rewind them to catch what you missed!

Recording the show you're watching

You can always record the show you're watching by pressing RECORD . Then select 'Record this showing.' Select 'OnePass & other options' or 'Explore this show' for more choices.

Recording the saved portion

Up to 30 minutes of the current channel's broadcast is always being saved, even when you're not recording. When you change channels, the TiVo Roamio clears the saved portion on the tuner you're watching and starts saving again on the new channel. So, if the saved portion is important to you, either record the program or don't change the channel.

To record the saved portion in addition to the rest of the program, choose 'Record this showing.'

Stopping a recording

You can stop any recording in either of two ways: press the RECORD button while watching live TV, then choose 'Stop the current recording.' Or, from the My Shows list, chose a title that's currently recording, then choose 'Modify recording,' then 'Stop recording.'

Quick tour - Whole home solution

HD shows cannot be transferred to standard-definition DVRs. Shows that cannot be transferred because of this or due to copy protection are marked with the red circle-slash icon ⃠.*

*Not all programming may be transferred using the Mulit-Room Viewing or TiVoToGo™ features due to the use of copy protection mechanisms permitted under the FCC's encoding rules. Some shows cannot be transferred due to the copy protection assigned to them by the program provider. These shows usually are marked with a red circle-slash icon (47 C.F.R. 76.1904).

When other TiVo boxes are connected to the same network as your TiVo Roamio, you can share recorded shows between them! You can watch shows recorded on another TiVo DVRs by streaming or transferring them to your Roamio. Or, you can stream or transfer recordings *to* those other TiVo DVRs *from* your TiVo Roamio! (Streaming means watching a video directly from another device; there's no need to transfer or download it first.)

You can also extend your TiVo experience into other rooms in your home with the TiVo Mini. The TiVo Mini lets you watch live TV and stream shows from any other TiVo DVR on your network. See tivo.com/mini to learn more.

Note: For best streaming results, make sure that your TiVo Roamio uses a wired network connection (Ethernet or MoCA). See Network settings to learn more.

Streaming or transferring shows is easy:

1. Go to the TiVo DVR that you want to stream or transfer shows *to*. For this example, let's call it the Bedroom Roamio.
2. From the TiVo Central screen, select 'My Shows.'
3. At the bottom of the My Shows list, highlight the TiVo DVR you want to stream or transfer shows *from*. Let's call this the Living Room Roamio.
4. Press SELECT to see the Living Room Roamio's My Shows list.

   Note: Some recordings cannot be streamed or transferred due to the copy protection assigned them by the program provider. These recordings are usually marked with a red circle-slash icon ⃠.
5. Find the recording you want to stream or transfer from the other TiVo DVR. Highlight it and press SELECT.

If you are streaming the recording, you can start to watch it immediately. If you are transferring the recording, you can choose to watch it as it transfers, or continue browsing and choosing shows to transfer. If the show is paused on the Living Room DVR, you'll have the option to watch or transfer it from the paused location, or to watch or transfer it from the beginning. As you watch, you can pause, fast-forward, or rewind the show.

Quick tour - the TiVo app

Available on the App Store

GET IT ON Google play

Easily stream or transfer recordings to your mobile device using the TiVo app! (Bonus: The TiVo app also lets you schedule recordings, control live TV, search for shows, and more!) Download the free TiVo app from the App Store or Google Play.

For step-by-step instructions, go to tivo.com/howto and explore the "Get TiVo Anywhere" section.

Note: To stream/transfer shows from the four-tuner TiVo Roamio and the TiVo Roamio OTA, a TiVo Stream device is required. For more information, visit tivo.com/stream.

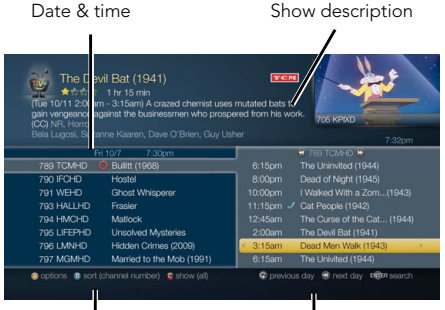
2

Finding & managing shows

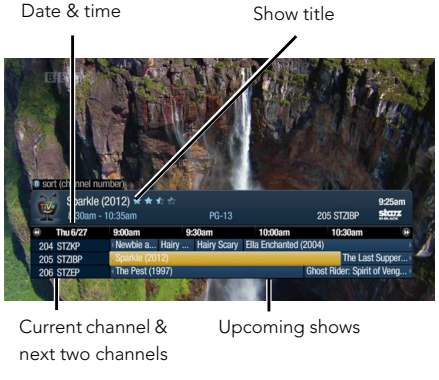
Using the guide and mini-guide to find shows	20
Finding & recording shows	22
Recording by time or channel	27
Creating WishList® searches	30
Managing recordings & OnePass	33
Setting OnePass & recording options	35

Using the guide and mini-guide to find shows

TiVo Live Guide



Mini-Guide



The on-screen program guide displays up to two weeks of TV programming at the touch of a button — the GUIDE button on your TiVo remote. You can choose to display the guide as a grid, or use the TiVo Live Guide (shown here). When you're viewing the guide, press the A button to display Guide Options and choose the view you want.

The mini-guide is a smaller version of the program guide. It shows you what's coming up on the channel you're watching and the next two channels. Press SELECT while watching live TV to bring up the mini-guide.

In the grid guide, TiVo Live Guide, and mini guide, new shows are marked with a NEW icon. Shows that are currently recording have a red circle icon next to the title, while shows that are scheduled to record are marked with a check mark (for individual shows) or double check mark (for OnePass recordings.)

To move around in the guides (TiVo Live Guide, grid guide, or mini-guide):

- Press FAST FORWARD ▶▶ to move the displayed time ahead one half-hour at a time, or press REWIND ◀◀ to move it backward.
- Press ADVANCE ⏭ to jump 24 hours ahead, or REPLAY ↺ to jump 24 hours back.
- Press SELECT on a show in progress, and the channel changes to that show. Press RECORD ● to record it.
- Press SELECT on an upcoming show, and you'll see a screen with recording options. Set up your recording or press LEFT to go back to the guide.
- Don't see what you're looking for? Press ENTER while viewing the full program guide to jump directly to the Search screen.

Choosing channels for the guide

You can use the Guide Options screen to choose which channels to display in the guide.

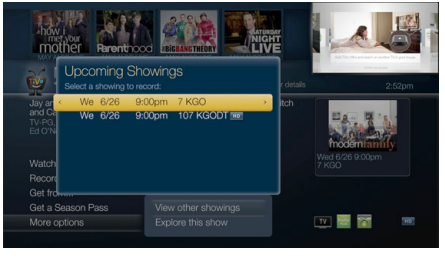
All Display all channels available from your service provider, even channels you don't receive.

My Channels Display only the channels that are checked in the Channel List (recommended).

Favorites Display only the channels you rated as your favorites in the Channel List. See Your channel list for more information on the Channels List.

Getting more options

If you want to learn more about a show, create a OnePass, view upcoming episodes or more, select 'OnePass & other options.'



Finding & recording shows

You can find shows to watch or record by searching, browsing, or asking for recommendations!

Searching for shows (and more!)

Search by show title, episode title, show description, or person name (actor, director, etc.). The TiVo service searches upcoming TV shows and movies, streaming videos (from sources like Hulu Plus, Netflix, and Amazon), and video on demand from your cable provider (if available) all at the same time. You can even search for a particular channel by its network name or call sign (e.g., NBC or ESPN).

1. From the TiVo Central® screen, select 'Find TV, Movies, & Videos,' then choose 'Search.'
2. Use the letter grid to spell out the title, person, or word you're looking for. Press the arrow buttons to move around, then press SELECT on each letter you want. As you select letters, a list of possible matches sorted by popularity appears on the right. For example, if you enter the letters HOW, you might see matches for the TV show "How I Met Your Mother," the video on demand movie "How To Lose A Guy In Ten Days," and the director Ron Howard. Results are sorted by popularity, with better matches higher in the list.
3. Keep selecting letters until you see what you're searching for. If you make a mistake, you can press CLEAR to erase everything, or REWIND ◀◀ to erase one letter at a time. Insert a space by pressing FAST FORWARD ▶▶.
4. Use the RIGHT arrow to highlight the show or person name, and press SELECT to view the information screen.
5. For a show, select 'Get this show' to record the next showing or to set up a OnePass. From the information screen, you can also view upcoming episodes or an episode guide, learn more about cast members, and access bonus features!

Press the C button on your remote to filter the type of shows displayed in your results: choose from 'All,' 'Available,' and 'Free.'

Browsing TV & movies

Browse specific categories of TV shows and movies, including what to watch right now!

From the TiVo Central screen, select 'Find TV, Movies, & Videos,' then choose 'Browse TV & Movies.' You'll be able to browse for shows using any of the following:

New & Notable Browse a rotating selection of shows and movies that are timely, trendy, or just plain fun.

Box Sets See all of the movies in your favorite franchises together in one place.

Collections Browse shows that are grouped by related subject matter, like holiday movies or trendy topics.

Movies Browse movies that are available either on channels you receive or from video on demand.

TV Browse upcoming TV shows that are available either on channels you receive or from video on demand.

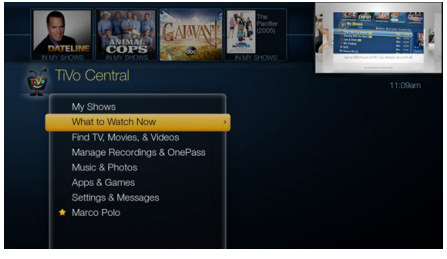
Sports Browse upcoming sporting events that are available either on channels you receive or from video on demand.

Press the C button on your remote to filter the type of shows displayed in your results: choose from 'All,' 'Available,' and 'Free.'

Recommended shows

With all the programming available to your TiVo® Roamio, sometimes you might want some recommendations. The TiVo service is here to help: What to Watch Now, the Discovery Bar, and TiVo Suggestions put a variety of recommendations at your fingertips.

What to Watch Now on TiVo Central



What to Watch Now in My Shows

What to Watch Now

Here's your shortcut to finding something great to watch. With "What to Watch Now," your TiVo Roamio helps you sort through your options by showing which popular shows, personal favorites and sporting events are now playing—so you'll never have to surf channels again. Just select 'What to Watch Now' from the TiVo Central screen or from the bottom of the "All" category in your My Shows list to get started.

The Discovery Bar

The Discovery Bar appears at the top of most TiVo screens. What you'll see in the Discovery Bar depends on you! Often, the Discovery Bar displays ideas for show you might like based on what shows you record and mark as your favorites. For example, if you record the show "American Idol," the Discovery Bar might display thumbnails for other shows, like "So You Think You Can Dance." It all depends on what you're interested in and what's available to you.

The Discovery Bar is also displays lots of other great viewing options: popular shows or sports events that are playing on live TV, items from your My Shows list, TiVo Suggestions, new video on demand shows, and more!

You can customize what appears in the Discovery Bar by going to 'Settings & Messages,' then 'Displays,' then 'Customize Discovery Bar.'

TiVo Suggestions

You can rate any show — whether it's live, recorded, or listed in the program guide — by pressing the THUMBS UP or THUMBS DOWN button on your remote. You can give a show up to three Thumbs Up (great!) or three Thumbs Down (terrible!).

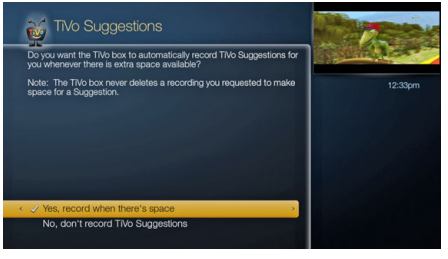
TiVo Suggestions uses these ratings to create a list of shows you might like. The more shows you rate over time, the better TiVo Suggestions will get at finding interesting shows for you.

You can also use the THUMBS UP button to mark any video provider (like Amazon), category (like sports or cooking), or collection (like award-winning movies or holiday shows) as a favorite.

Auto-recording TiVo Suggestions

When your TiVo box has available space, it automatically records TiVo Suggestions. But you don't ever need to worry about recorded Suggestions taking up space — here's why:

- TiVo Suggestions never replace shows you record, or prevent your shows from being recorded.
- TiVo Suggestions are always the first shows deleted to make room for your recordings.



If you'd prefer not to record TiVo Suggestions automatically, you can turn them off. From the TiVo Central screen choose 'Settings & Messages,' then 'Settings,' then 'Recording,' then 'TiVo Suggestions.'

On the TiVo Suggestions screen, choose 'No, don't record TiVo Suggestions.' You can still see the TiVo Suggestions list and choose to record individual shows.

Watching TiVo Suggestions

Want to see what TiVo Suggestions are ready to watch? Here's how to find them:

- TiVo Suggestions appears as a category in the left column of the categorized My Shows list. Highlight it to see all of your recorded Suggestions.
- Alternatively, when you select a category in My Shows, you'll find a Suggestions folder for that category. For example, in the TV Series category, you'll find a TiVo Suggestions folder that contains only suggestions for TV series.

Viewing the upcoming Suggestions list

To review the list of upcoming TiVo Suggestions, choose 'Find TV, Movies, & Videos,' then 'Browse TV & Movies,' then 'TV,' then 'Suggestions.'

To make sure a show records, highlight it and press SELECT on your remote. You can also use THUMBS UP or THUMBS DOWN to rate shows in this list and improve future recommendations.

To display a list of all shows that you've rated, while viewing the upcoming TiVo Suggestions screen, press ENTER on your remote to see the Review Thumbs screen. Then, highlight a show and use the THUMBS UP and THUMBS DOWN buttons on your remote to change its rating.

Any time you choose to record a show, it automatically gets one Thumbs Up.

Recording by time or channel

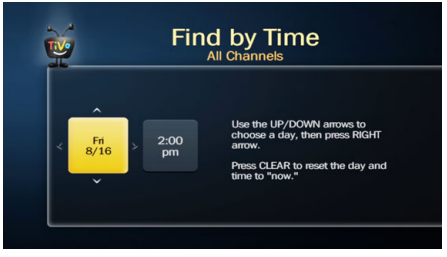
It's easy to find shows by browsing by time or channel. From the TiVo Central screen, choose 'Manage Recordings & OnePass.' From there, you can set up a manual recording for a specific date/time, look for something to watch a particular time, or browse the shows on a particular channel.

Manually record time/channel

Schedule a recording on a specific channel at a specific time.

1. Select 'Set Up a Manual Recording.'
2. Choose the frequency of the recording, using the UP/DOWN arrows to select 'Once' or 'Repeat,' then press the RIGHT arrow.
3. Choose the day(s) for the recording, using the UP/DOWN arrows to change the current selection. If you chose 'Repeat,' you can choose to repeat the recording on a specified day of the week ('Every Tuesday') or several times a week ('Every M – F' or 'Every Day').
4. Press the RIGHT arrow and choose a channel using the UP/DOWN arrows (or by entering a number with the remote, then pressing ENTER).
5. Press the RIGHT arrow and set the hour, minute, and am/pm for the start and stop time, using the UP/DOWN arrows to change the current selection.
6. Press the RIGHT arrow or SELECT.
7. You'll see a confirmation screen. The TiVo DVR shows a 'best guess' show title based on guide listings for that time and channel. Select 'Record this showing' (or 'Create repeating recording').

Find by time



Browse shows on a specified day and time. You can filter the list to see only shows in a particular category. For example, you can browse all movies airing on Saturday night.

1. Choose 'Find by Time.'
2. If you want to limit your search to a particular category or set of channels (for instance, HD shows or your favorite channels, use the arrow buttons to highlight an option (for example, Movies), then press SELECT. If you don't want to limit your search, select 'All channels.'
3. Press the UP/DOWN arrows to select the date you want to see, then press the RIGHT arrow to move to the time column, and press the UP/DOWN arrows to select a time.
4. Press SELECT to see the list of shows without leaving the time selector, or press the RIGHT arrow to see the list of shows and move to the list.
5. Highlight the show you want to record and press SELECT to schedule your recording.

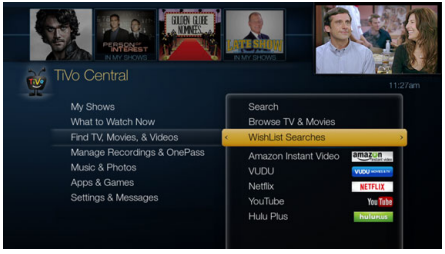
Find by channel

Browse through shows airing on a particular channel. You can start with all channels, or just your favorites.

1. Choose 'Browse by Channel.'
2. Choose either "All Channels," which includes all the channels you receive, or "Favorite Channels," which includes just the channels you have selected as your favorites. (For information on selecting favorite channels, see Customizing your channel list.)
3. Press the UP/DOWN arrows to select the date you want to see, then press RIGHT arrow to move to the channel column.

4. Press the UP/DOWN arrows to select a channel. (You can also use the numbers on the remote to enter a channel, then press ENTER.)
5. Press SELECT to see the list of shows without leaving the channel selector, or press the RIGHT arrow to see the list of shows and move to the list.
6. Highlight the show you want to record and press SELECT to schedule your recording.

Creating WishList® searches



A WishList search finds shows that match your search criteria on any channel you receive — and it keeps on searching for as long as you keep the WishList search.

You can search for something specific by creating a WishList search with multiple criteria: for instance, you might create a WishList search for actor George Clooney, category Movies, and sub-category Action. This WishList search would find action movies starring George Clooney.

You can even use WishList searches to find something *very* specific. For example, the Keyword GIANTS with category Football would find Giants football games, but not Giants baseball games.

If you choose to auto-record matches to your WishList search, you'll find any recorded matches in your My Shows list.

Creating a WishList search

Creating a WishList search is simple:

1. From the TiVo Central screen, choose 'Find TV, Movies, & Videos,' then 'WishList Searches.'
2. Select 'My WishLists,' then 'Create a new WishList Search.'
3. Next, start choosing criteria for your WishList search. You can choose any or all of the following:

   Keyword Search for shows with specific words in the show or episode title, description, actor, director, year, or category.

   Title Keyword Search for shows with specific words in the show or episode title.

   Actor Search for shows with your favorite actor.

Director Search for shows by a specific director.

Category Search for specific categories and sub-categories of shows (for example, action movies or nature documentaries).

4. After entering your initial search criteria, you'll return to the Create WishList Search screen. Continue adding as many search criteria to your WishList search as you like. For instance, you could create a WishList search like this:
   - Keyword: Pirate
   - Actor: Johnny Depp
   - Category: Movies

   Your results would include only pirate movies starring Johnny Depp.

5. When you're finished entering search criteria, select 'Done creating this WishList Search.'

After you've created the WishList search, your TiVo box will automatically record any shows matching your search, unless you decide to turn the auto-recording feature off. Each auto-recording WishList Search and its upcoming recordings are marked with in To Do List and the OnePass Manager.

Not all actor or director names may be listed. To search for a name that is not on the list, enter the name in the format: LAST NAME, FIRST NAME. (You must match the spelling of the name exactly, and you must use a comma).

Managing your WishList searches

To view or edit a WishList, included turning off auto-recording, select the WishList. Then choose 'WishList Info,' 'Upcoming,' or 'Conflicts.'

WishList info

- **WishList options** Modify or delete the WishList search.
- **Name this WishList** Change the name of the WishList search.

- **Modify recording options** Change auto-record settings, choose the whether to record repeats and how many shows to keep, and more.
- **Don't auto-record shows/Auto-record shows** Choose whether your TiVo DVR will automatically record any shows matching your WishList search criteria until you modify or delete the WishList search.

Upcoming

See a list of upcoming episodes that match your search criteria.

Conflicts

See a list of shows that can't be recorded because they conflict with other shows scheduled to be recorded at the same time. If you want to be sure that all matching shows are recorded, give the auto-recording WishList search a high priority in the OnePass Manager. See Using the OnePass Manager for details.

Managing recordings & OnePass

The To Do List shows all your scheduled recordings and lets you change recording options or cancel recordings. The OnePass Manager prioritizes all your repeating recordings and lets you manage conflicts and set options.

Using the To Do List

To view the To Do List, choose 'Manage Recordings & OnePass' from the TiVo Central screen, then choose 'To Do List.'

You'll see a list of all shows scheduled to record in the next two weeks or so. Press SELECT on any show to see available options.

Canceling a Recording

To cancel a recording, just highlight the show title on the To Do List and press CLEAR.

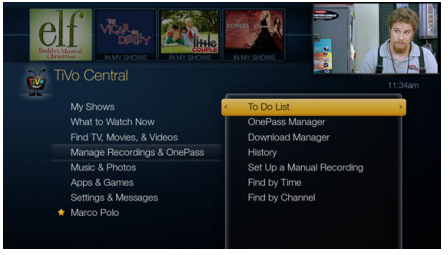
Viewing recording history

Choose 'View Recording History' on the To Do List if you're curious why a particular show was not recorded, why it's not scheduled to record, or when a recording was deleted from your My Shows list. The Recording History is organized by date; use the UP/DOWN arrows to browse the shows in the list. Select the show's title for more information about it.

Note: A show will not be recorded if it appeared in your My Shows list or To Do List in the previous 28 days.

Using the OnePass Manager

OnePasses and auto-recording WishList searches are prioritized by the order in which you set them up: the first has highest priority, and so on.



In the To Do List, individual recordings are marked with a single check mark:

OnePass® recordings and manual repeating recordings are marked with a double check mark:

Auto-recording WishList® searches are marked with a star:

To view the OnePass Manager, choose 'Manage Recordings & OnePass' from the TiVo Central screen, then choose 'OnePass Manager.'

Prioritizing your OnePasses and WishList searches is important in case of recording conflicts (when too many shows are scheduled to record at the same time). Because your TiVo® Roamio has multiple tuners, and because OnePass works best when you include streaming videos, recording conflicts should be minimized. However, on the four-tuner TiVo Roamio and the TiVo Roamio OTA, when more than four shows are scheduled to record at the same time, the four with the highest priorities are recorded. On the TiVo Roamio Plus or Roamio Pro, when more than six shows are scheduled to record at the same time, the six with the highest priorities are recorded.

Use the UP/DOWN arrows to highlight a repeating recording, and press RIGHT to highlight the arrows to the right of the title, then use the UP/DOWN arrows to move the selected title up or down in the list.

Editing a repeating recording

You can also use the OnePass Manager to view and change OnePass options, modify recording options (if available), view upcoming episodes, or cancel a OnePass or auto-recording WishList search. Highlight the show title and press SELECT to view available options.

Using the Download Manager

The Download Manager lets you set options and priorities for all web videos/video podcasts recordings. To view the Download Manager, choose 'Manage Recordings & OnePass' from the TiVo Central screen, then choose then 'Download Manager.'

Setting OnePass & recording options

Setting default recording options

Default OnePass and recording options apply to all OnePasses you set up, and all shows you record that are not part of OnePasses. You can change the default values at any time. Here's how:

1. From the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' and then 'Recording.'
2. Choose 'Default OnePass & Recording Options.'

Options include:

Include Choose to include recordings, streaming videos (from sources like Amazon and Netflix), or both in your OnePass results. Remember, streaming videos don't take up any disk space. (OnePass only.)

Rent or buy: Decide whether to include episodes that need to be purchased before viewing. Note that the TiVo Service will not purchase the items for you; you will have the option to purchase them at the time of viewing. (OnePass only.)

Record Skip reruns or watch them all? Choose 'New only' to avoid reruns, or 're-runs' to get every episode. (Recordings only.)

Channel Choose the channel on which to record the show, when more than one channel is available. (Recordings only.)

Get in HD When you set the 'Channel' setting (above) to 'All,' you can choose how often to get the HD version of a show: always, never, or if possible. Note that if you choose 'always' and a show is not available in HD, it won't be recorded. Likewise, if you choose 'never' and a show is *only* available in HD, it won't be recorded. (Recordings only.)

Keep At Most Set the maximum number of recordings to be saved. (Recordings only.)

Start Recording Start recording up to ten minutes before a show is scheduled to begin. (Recordings only; available only before recording starts.)

Stop Recording Set a recording to continue — for a few minutes or up to three hours — after it's scheduled to end. You can change this setting when you set up the recording, or while the recording is in progress. (Recordings only.)

Setting more options

Default recording and OnePass options apply to all OnePasses and individual recordings; however, you can also further customize each recording or OnePass, so you always get the results you want. You can set per-OnePass or per-show options when you first schedule a OnePass or individual recording, or by selecting a show from the To Do List or the OnePass manager. To view or change recording options:

1. On the show's information screen, select 'Get this show' and then highlight either 'Create a OnePass' or 'Record next episode.' Then press the RIGHT arrow to highlight 'Options' and press SELECT.
2. On the options screen, use the UP/DOWN arrows to highlight an option, then the RIGHT and LEFT arrows to change the setting.
3. When you're finished, press SELECT or highlight 'Use these options.'

Options include:

Include Choose to include recordings, streaming videos (from sources like Amazon, Hulu Plus, and Netflix), or both in your OnePass results. Remember, streaming videos don't take up any disk space. (OnePass only.)

Start from Want to watch from the beginning? Choose Season 1. Just need to catch up? Choose a different season. Only want new episodes? Choose 'New episodes only.' (OnePass only.)

Rent or buy: Decide whether to include episodes that need to be purchased before viewing in your OnePass results. (The TiVo Service will not purchase the items for you; you will have the option to purchase them at the time of viewing.) (OnePass only.)

Record Skip reruns or watch them all? Choose 'New only' to avoid reruns, or 're-runs' to get every episode. (Single recording or OnePass with recordings.)

Channel Choose the channel on which to record the show, when more than one channel is available. (Single recording or OnePass with recordings.)

Get in HD When you set the 'Channel' setting (above) to 'All,' you can choose how often to get the HD version of a show: always, never, or if possible. Note that if you choose 'always' and a show is not available in HD, it won't be recorded. Likewise, if you choose 'never' and a show is *only* available in HD, it won't be recorded. (Single recording or OnePass with recordings.)

Keep At Most Set the maximum number of recordings to be saved. (Single recording or OnePass with recordings.)

Keep Until Choose how long to keep a recording (or each episode of a repeating recording). 'Space needed' is the default setting, or choose 'Until I delete' and your TiVo boxRoamio won't delete this episode to record something new. (Single recording or OnePass with recordings.)

Start Recording Start recording up to ten minutes before a show is scheduled to begin. (This option is available only before recording starts.) (Single recording or OnePass with recordings.)

Stop Recording Set a recording to continue — for a few minutes or up to three hours — after it's scheduled to end. You can change this setting when you set up the recording, or while the recording is in progress. (Single recording or OnePass with recordings.)

Recording with Overlap Protection

Being able to record multiple programs at the same time doesn't eliminate all possible recording conflicts. The Overlap Protection feature gives you additional options for dealing with recording conflicts when they occur.

If Overlap Protection is turned off, when two shows are scheduled to record on the same tuner but overlap by a few minutes (for example, one program ends at 8:33, while the next program begins at 8:30), the lower priority recording is cancelled. But with Overlap Protection turned on, the TiVo DVR simply clips the lower priority recording by just enough minutes to allow both programs to record.

Overlap Protection works by determining the priority of each program scheduled to record. For repeating recordings, it uses the OnePass Manager to learn which programs have higher or lower priorities (see Using the OnePass Manager). One-time recordings are not listed on the OnePass Manager; these individual recordings that you schedule receive the highest priority. The most recent individual recording that you requested always has the highest priority. (TiVo Suggestions always have the lowest priority.)

When scheduling new recordings, the TiVo Roamio notifies you of any recording conflict and gives you options for resolving it. If Overlap Protection is on, your options include clipping the lower priority program.

Overlap Protection is a global setting, not a show-specific choice. To set your Overlap Protection preference, from the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Recording,' then 'Overlap Protection.'

Extending live recordings

Live events (like sporting events and awards shows) often run past their scheduled end time. When the Extend Live Recordings setting is turned on, the TiVo Roamio will remind you to add extra time when you set up a recording of a live event.

Extend Live Recordings is a global setting, not a show-specific choice. To set your Extend Live Recording preference, from the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Recording,' then 'Extend Live Recordings.'

3

Watching shows

Moving around with the status bar 42

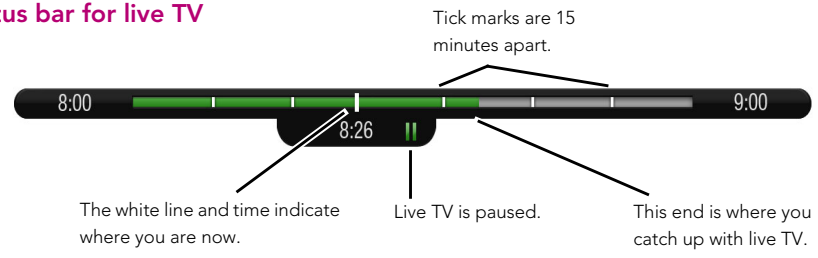
Getting information with the info banner 44

Moving around with the status bar

In general, watching shows works the same whether you're watching live TV, recordings, streaming shows, web videos, or video on demand. You can always press PLAY ▶, PAUSE ⏸, FAST FORWARD ▶▶, and REWIND ◀◀ to display a status bar and move around in the show.

- In live TV, the status bar represents one hour and the white tick marks are 15 minutes apart.

Status bar for live TV



- In recorded shows, streaming videos, and video on demand, the bar shows the program's length. The tick marks are 15 minutes apart (further apart for a longer show).

The status bar may function differently for certain video providers.

Status bar for a two-hour recording

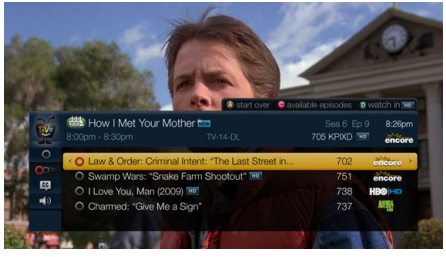
Automatically saving live TV

In live TV, the green segment of the status bar represents the part of the show automatically saved by your TiVo® Roamio. The TiVo Roamio automatically saves up to 30 minutes of live TV, so you can rewind live TV for up to 30 minutes. Press RECORD to record the saved portion as well as the rest of the show.

Whenever you change channels, the saved portion of the old show is cleared, and the TiVo Roamio starts saving the show on the new channel. If you're behind live TV and watching something you still want to see, you should avoid changing the channel. But you can watch another tuner by pressing the LIVE TV button without losing what's been saved.

Press the CLEAR button to hide the status bar, the program guide, the info banner, and anything else that is not part of the show.

Getting information with the info banner



The info banner displays the show's title, description, ratings, and other information. It appears whenever you change the channel. To view the info banner while watching a show, press INFO.

The info banner can be displayed in three different sizes. Press the RIGHT arrow to cycle through the sizes of the info banner. Press the LEFT arrow or CLEAR to hide it.

Icons in the large version of the info banner are shortcuts to corresponding features. Use the UP/DOWN arrows in the large info banner to highlight an icon, then press SELECT.

Record Record the show you're watching. If a recording is in progress, select this icon to stop the recording.

Tuner Swap Select this icon to see what's playing on the other tuners. When no recordings are in progress, the icon will be gray.

Audio Select this icon for alternate audio tracks, if available. See Audio settings for more.

Dolby® Digital audio The Dolby Digital audio icon indicates that a digital audio track is available.

Parental Controls. If Parental Controls are off, the lock icon appears unlocked and dim. If they are on, the icon is locked and bright. If they are temporarily off, the icon is unlocked and bright.

Closed Caption Toggle closed captioning on or off.

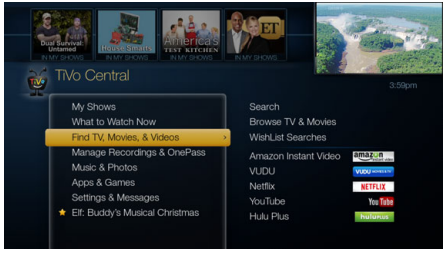
4

Video on demand & more

Video on demand options 46

Music, photos, apps, & games 49

Video on demand options



Your TiVo Roamio has access to a huge array of on-demand movies, TV shows, and videos. Below are some of the most popular video providers, but be sure to check tivo.com to see what great new videos might be available for rent or purchase.

Shows and movies from video providers appear in your results when you browse or search the TiVo menus.

To customize which video providers appear in your results, go to 'Settings & Messages,' then 'Settings,' then 'Channels' then 'My Video Providers.'

Note: OnePass works best when your video provider list is up to date, with as many providers as possible selected.

Amazon® Instant Video

TiVo Roamio users can stream thousands of movies and TV shows from Amazon Instant Video, many of them in HD! And for Amazon Prime users, the news keeps getting better: titles available from Amazon Prime are free!

When you search for shows on your TiVo box, your results will include shows available from Amazon Instant Video. Just look for the Amazon logo in the right pane of your search results.

You can also search or browse for shows and movies available on Amazon Instant Video from the Amazon Instant Video app available on the 'Find TV, Movies, and Videos' menu.

For more instructions on using Amazon Instant Video, visit tivo.com/howto and select the "Get Video on Demand" option.

Vudu

TiVo Roamio users have access to the vast library of shows and movies on Vudu! Log in or sign up for Vudu right on your TiVo box to start streaming!

When you search for shows on your TiVo box, your results will include shows available from Vudu. Just look for the Vudu logo in the right pane of your search results.

You can also search or browse for shows and movies available on Vudu from the Vudu app available on the 'Find TV, Movies, and Videos' menu.

BONUS for Ultraviolet users: If your Ultraviolet account is linked to your Vudu account, you can watch your Ultraviolet movies right on your TiVo box! Just choose to "My Vudu" from the top Vudu menu.

Netflix®

With Netflix on the TiVo service, you can instantly watch thousands movies and TV episodes streamed from Netflix to your TiVo Roamio. You just need to link your Netflix account to your TiVo Roamio, and then start watching.

When you search for shows on your TiVo box, your results will include shows available from Netflix. Just look for the Netflix logo in the right pane of your search results.

You can also search or browse for shows and movies available on Netflix from the Netflix app available from the 'Find TV, Movies, and Videos' menu.

For more instructions on using Netflix, visit tivo.com/howto and select the "Get Video on Demand" option.

Hulu Plus™

With Hulu Plus on the TiVo service, you can stream TV episodes and movies right to your TiVo Roamio, with many titles in HD!

Search or browse for shows and movies available on Hulu Plus from the 'Find TV, Movies, and Videos' menu, or go to the main Hulu Plus screen accessed above. When you search or browse using the TiVo menus, shows available from Hulu Plus display a Hulu Plus logo on the right side of the screen.

For more instructions on using Hulu Plus, including how to control playback of the video you're watching, visit tivo.com/howto and select the "Get Video on Demand" option.

YouTube™ videos

Browsing YouTube videos with your TiVo Roamio is just as easy as browsing YouTube videos on the Internet. From the TiVo Central screen choose 'Find TV, Movies, & Videos,' then 'YouTube.'

On the YouTube home page, use the arrow buttons on your TiVo remote to explore the menus. You can browse by channel (categories covering everything from animation, to comedy, to music, and more), search for a particular video, or sign in to see your subscriptions and favorite videos.

Note: A "BACK" option appears on every page except the home page. Select it to back to the previous menu. (Using the LEFT arrow on your remote control will not take you to the previous menu.).

You can also search and browse for YouTube videos using the TiVo menus. When you search or browse using the TiVo menus, shows available from YouTube display a YouTube logo on the right side of the screen.

For more instructions on using YouTube, including how to control playback of the video you're watching, visit tivo.com/howto and select the "Get Video on Demand" option.

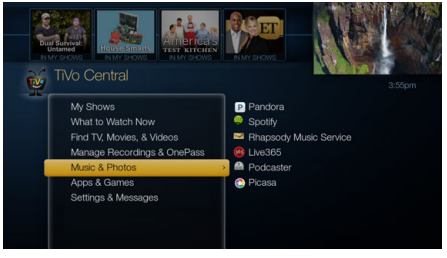
More options

New video providers are being added all the time. You'll see them on the 'Find TV, Movies, & Videos' screen automatically. For instructions on using them, visit tivo.com/howto.

Music, photos, apps, & games

Your TiVo Roamio is really an entire digital home entertainment center, with access to your photos, music, and more!

Music



With your TiVo Roamio, you'll have a constant supply of all your favorite music.

Pandora® Internet Radio. Pandora is a free service that lets you create custom Internet radio stations personalized just for you, playing only the music you love! Just tell Pandora one of your favorite songs, artists, or composers, and it will create a radio station that explores that kind of music. You can even create stations based on genre (rock, pop, dance, show tunes, classical). Pandora plays all your current and old favorites and introduces you to new songs you'll love.

Spotify. On demand music! Spotify lets you listen to your favorites and discover new music right from your TiVo box.

Rhapsody Music service. The Rhapsody Music service gives you unlimited access to a catalog of millions of CD-quality tracks in dozens of genres. Listen to your old favorites and the newest releases — instantly. With a paid subscription, you can log in to your Rhapsody account from your TiVo DVR. You'll have access to the same library of songs that you see on Rhapsody online. You can even search Rhapsody using your PC or Mac, and have the music available on your TiVo DVR for easy playback through your living room speakers.

Live365 Internet radio network. Live365 is the world's largest Internet radio network, and its thousands of stations are available to you through your TiVo DVR. From popular hits to specialty programming, Live365 on TiVo offers an easy way to access the incredible variety of radio stations available via the Internet.

Podcaster. Find and listen to podcasts without being tethered to your computer or mobile device.

To view music options, from the TiVo Central screen, select 'Music & Photos' for available options.

Photos

Connect to your Picasa account to view photos stored there. From the TiVo Central screen, select 'Music & Photos,' then choose 'Picasa.'

Apps & games

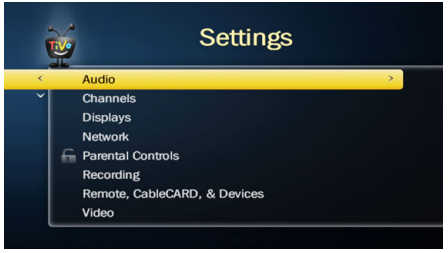
Want to buy movie tickets on line? Watch music videos? Burn a few minutes with a quick game? Just go to TiVo Central and select 'Apps & Games.' New apps and games for your TiVo Roamio are available frequently, so keep checking back.

5

Settings

Audio settings	52
Channel settings	53
Display settings	55
Network settings	56
Remote control settings	60
Remote, CableCARD, & device settings	60
Video settings	65
Parental Controls settings	68
Messages	70
Account & system information	71
Restart or reset system	72
Standby	73

Audio settings



From the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Audio' to customize audio settings.

Alternate audio

Some shows are broadcast with more than one audio track, such as alternate language tracks. When alternate audio tracks are available, you'll see a bright alternate audio icon in the info banner: .

The **Default Audio Language** setting lets you choose which audio language track is recorded.

The **Default Audio Program** setting lets you choose to have the default audio in stereo or mono, or have a secondary audio program (SAP) recorded when one is available.

Dolby Digital

When selecting the Dolby Digital to PCM setting, the audio signal will be downmixed from Dolby Digital 5.1 to 2-channel PCM.

If you have an A/V receiver or home theater system that supports Dolby Digital audio, use this setting to choose how the TiVo Roamio will record and output digital audio. Check your A/V receiver or home theater system manual for its capabilities.

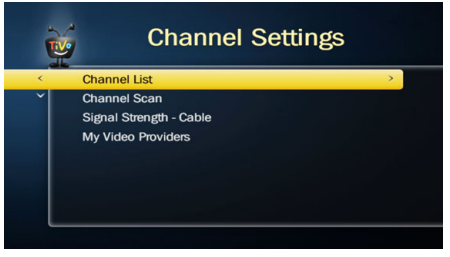
If a show is broadcast with a Dolby Digital audio track, you'll see a dim Dolby Digital icon in the info banner: . If the icon is bright, alternate digital audio tracks are also available. Select the bright icon for options.

Sound effects volume

Change the volume of or turn off the TiVo Roamio's sound effects (the tones played when you press buttons on the remote control). The default is Medium.

Channel settings

From the TiVo Central® screen, select 'Settings & Messages,' then 'Settings,' then 'Channels.'



Your channel list

The channel list is the list of channels provided by your TV programming source. The TiVo Roamio DVR uses this list to determine which channels to display in the guide and which channels are available for searching and recording shows.

If your channel list is incorrect, you can change your channel lineup. From the Channel List, press ENTER to display the Change Channel Lineup screen.

Customizing your channel list

The Channel List screen displays the complete list of channels available in your channel lineup. A check mark appears next to each channel that will appear in the program guide and in search results. (You may see the group of checked channels referred to as "My Channels" in the TiVo menus.) Press SELECT to remove the check mark next to channels you want to hide. For example, you may uncheck the channels to which you don't subscribe.

Favorite Channels Select favorite channels that you watch frequently. Include only a few channels in this list, so that you can quickly see what's coming up on them using the "Favorite Channels" filter in the guide. To indicate your Favorite Channels, highlight each and press THUMBS UP. Press THUMBS DOWN to remove a channel from your Favorites.

If there is a change to your cable subscription package or channel lineup, a TiVo message will inform you. Use Channel Settings to ensure that your Channel List reflects the change to your lineup.

Channel Scan

Scanning for channels will identify all available cable channels. At the end of the scan, you will have the option to add any newly discovered channels to your Channel List.

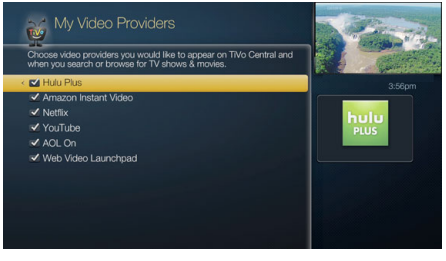
Signal Strength

Use the Signal Strength screens to test the incoming signal on specific digital channels.

Signal Strength - Antenna The signal strength meter can help you make adjustments to your antenna position to optimize the reception of antenna channels.

Signal Strength - Cable The signal strength meter can also help diagnose cable signal issues. For example, adding multiple RF splitters to your RF cable source (the cable coming from the wall) can result in reduced signal strength on some channels. Use the meter to check signal strength with and without splitters.

My video providers



Use the this screen to select the video providers (like Netflix or Amazon) that you would like included in your results when searching for TV shows and movies.

Note: OnePass works best when this list is up to date, with as many video providers as possible selected.

Display settings

From the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Displays' to customize the display of the info banner, closed captioning, and the lights on the TiVo Roamio.

Info Banner Normally, when you change channels, the info banner is displayed for a few seconds. If you want it to disappear quickly, select 'Clear Banner Quickly.'

Closed Captioning Change the way the TiVo Roamio displays closed captioning text.

To turn closed captioning on or off while watching a show, press INFO to view the info banner, and select the closed captioning icon: CC.

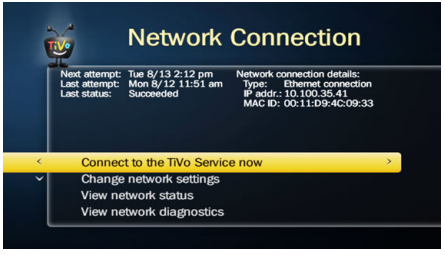
Lights on the Front of the DVR You can change the display of the lights on the TiVo Roamio's front panel (the lights indicate when the TiVo Roamio is receiving power, recording, receiving a transferred show, or downloading shows over the network connection). You can choose to turn the lights on or off.

Customize Discovery Bar Personalize the contents of the Discovery Bar based on your own preferences.

Video Window Turn the Video Window on or off.

Even if you choose to turn off the front panel lights, one of the lights on the front panel will flash briefly when a button on the remote is pressed. This indicates that the TiVo Roamio is receiving a signal from the remote.

Network settings



TiVo Roamio DVRs make regular connections to the TiVo service to receive updated show listings, service updates, and other information. You can connect to the TiVo service through a wired or wireless connection. When choosing your connection type, note that wireless connection speeds are typically not fast enough to stream shows reliably. If you want to use the Roamio to stream shows to/from other TiVo boxes or to your mobile devices, a wired Ethernet or MoCA connection is required.

The Network screen includes details about the last successful connection to the TiVo service and allows you to change your connection settings.

From the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Network.' The information displayed on the screen depends on how your DVR connects to the TiVo service.

Connect to the TiVo service now Normally, you don't need to select this option — the TiVo Roamio connects to the TiVo service automatically every few hours. However, you may need to connect to the TiVo service as a routing troubleshooting step. Select this option to connect to the service. After you start the connection, the status of the connection is displayed. You can watch live TV, set up recordings, and search for shows while the connection is in progress.

Change network settings See Changing network settings.

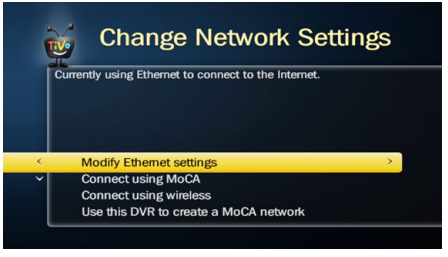
View network status Select to review information about your network connection.

View network diagnostics Select to test your connection to the TiVo service, see a history of your video downloads and transfers, and run other diagnostic tests related to your network connection.

Changing network settings

The network settings options will vary depending on whether you're using a wired (Ethernet or MoCA) or wireless connection.

Note: If you want to use the Roamio to stream shows to/from other TiVo boxes or to your mobile devices, a wired Ethernet or MoCA connection is required. Wireless connection speeds are typically not fast enough to stream shows reliably.



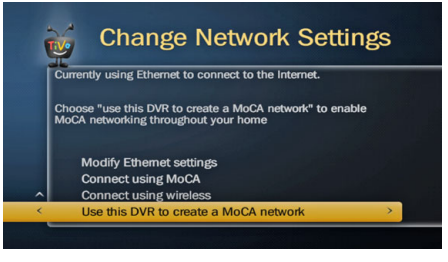
Wired Ethernet settings

Most of the time, you will not need to configure these settings, as they are usually configured automatically when you first set up your TiVo Roamio. However, if necessary, you can use this page to configure how the TiVo Roamio receives an IP address, or you can assign a static IP address and other network information manually. Follow the on-screen instructions to configure your wired network.

MoCA settings

A MoCA (pronounced "Mocha," like the chocolate-flavored coffee drink!) connection is a great option if you want a wired connection to your TiVo box but you don't have easy access to a wired Ethernet cable. MoCA delivers the same high-speed network connection you get through an Ethernet cable, but delivers it through your existing coax wire (the wire you use to receive cable TV). When you set up MoCA in your home, your TiVo box will receive cable TV and connect to your home network through that one cable!

You can use your TiVo Roamio Plus or Roamio Pro to enable MoCA throughout your entire home, or you can connect any TiVo Roamio to an existing MoCA network.



Creating a MoCA network using your TiVo Roamio Plus or Roamio Pro

Simply connect your TiVo Roamio Plus or Roamio Pro to your home network using an Ethernet cable. Make sure the coax cable is also connected. Then:

1. Go to 'Settings' > 'Network' > 'Change Network Settings.'

2. Select 'Use this DVR to create a MoCA network.'
3. Choose 'Yes, turn on MoCA.'
4. Confirm the default MoCA settings. **Note:** Use the default settings unless a professional installer instructs you to change them.
5. Congratulations! You've enabled MoCA throughout your home. You can connect MoCA-ready devices (like other Roamio Plus/Roamio Pro DVRs and TiVo Minis) to your MoCA home network through the coax cable.

   Devices that aren't MoCA-ready, like the four-tuner TiVo Roamio and TiVo Roamio OTA, can easily join the MoCA home network using a MoCA network adapter, available at tivo.com/store.

To learn more about installing and using MoCA, including how to secure your MoCA network, visit tivo.com/moca.

Joining an existing MoCA network

Simply connect a coax cable to your TiVo Roamio Plus or Roamio Pro. For the four-tuner TiVo Roamio and TiVo Roamio OTA, you will need to use a MoCA network adapter, available at tivo.com/store.

1. Go to 'Settings' > 'Network' > 'Change Network Settings.'
2. Select 'Connect using MoCA.'
3. Choose 'Yes, turn on MoCA.'
4. Confirm the default MoCA settings. **Note:** Use the default settings unless a professional installer instructs you to change them.
5. Congratulations! You've joined an existing MoCA network!

To learn more about installing and using MoCA, including how to secure your MoCA network, visit tivo.com/moca.

Wireless settings

Note: If you want to use the Roamio to stream shows to/from other TiVo boxes or to your mobile devices, a wired Ethernet or MoCA connection is required. Wireless connection speeds are typically not fast enough to stream shows reliably.

To connect to your wireless network, you may need the name (SSID) of your wireless network and its password/key (if any).

Enter Wireless Network Name This screen lists the names of nearby wireless networks that your TiVo Premiere has been able to identify.

- If your network's name is listed, select it. (You may be able to see more network names by pressing CH DOWN to scroll down the screen.)
- If your network's name is not listed, select 'Enter network name' to enter the name manually, then select 'Finished entering text.'

Enter Network Password If your network has a password, enter it and then select 'Finished entering network password.' If your network does not have a password, select 'My network doesn't have a password.'

You must use capital and lowercase letters appropriately when entering a network name. To find a network named "My Network" you must capitalize the "M" and "N;" entering "my network" won't work. Use THUMBS UP and THUMBS DOWN to change to uppercase or lowercase.

Remote, CableCARD, & device settings

From the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Remote, CableCARD, & Devices.'

Remote control settings

Programmable buttons

Some buttons on the TiVo remote are programmable. You have options to control power, volume, and mute on your TV; volume and mute on your A/V receiver (stereo system); and input selection on your TV — all from your TiVo remote!

To program your remote, from the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Remote, CableCARD, & Devices,' then 'Remote Control Setup.' Follow the on-screen instructions.

To reset all the programmable buttons:

1. Press and hold the TV PWR and TiVo buttons simultaneously until the light on the remote lights, and remains lit when you release the buttons.
2. Press THUMBS DOWN three times, then press ENTER.

Advance button

You can customize the behavior of the ADVANCE ® button on your TiVo remote.

By default, pressing ADVANCE moves you forward 30 seconds. When you choose this setting, you can press and hold ADVANCE to move to the end of a show, and press and hold REPLAY to move to the beginning.

If you prefer, you can choose to have a press of the ADVANCE button move you to the end of a recorded show, or catch up with live TV. Pressing it again takes you to the beginning of the recorded show, or to the beginning of the saved portion of live TV.

No matter which setting you choose, if you press ADVANCE *while fast-forwarding or rewinding*, you'll move to the next tick mark on the status bar. See Moving around with the status bar for more information.

RF Remote Setup

The Roamio remote control is an RF remote. This means that the remote can control your TiVo box even if the box is not in direct line of sight with the remote (for instance, if it is behind a cabinet door).

Your remote control should be ready to use in RF mode after you complete Guided Setup. However, if you have trouble using the remote in RF mode, or if you purchase additional remotes, you may need to "pair" the remote to your DVR before using it.

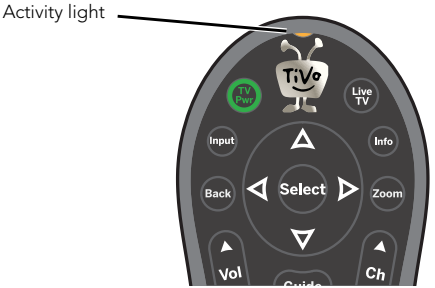
Pairing your remote

To use the remote in RF mode, you must first pair the remote with your TiVo box:

1. Hold down the BACK button and the TiVo button at the same time.
2. Wait until the amber activity light on the remote flashes five times.

Your remote is paired! Once a remote is paired with a TiVo Roamio Pro, it will only work in RF mode with that DVR. It will continue to work with other DVRs in IR mode (in which the DVR must be in line-of-sight to communicate with the remote).

Note: Not sure if your remote is paired? When a remote is paired with a TiVo box, the remote's activity light flashes amber when you press a remote button. When a remote is not paired, the activity light flashes red.



Unpairing your remote (to use it with a different TiVo box)

To pair the remote with a different Roamio Pro, you must first unpair it with the current DVR, then pair it with the new one. Note that this process will reset the remote completely, so you will need to repeat setup of the remote's programmable buttons (TV power, volume, mute). To unpair the remote:

1. Hold down the POWER and TiVo buttons at the same time until the activity light flashes.
2. Press THUMBS DOWN three times.
3. Press ENTER.

Remote control finder (Roamio Plus & Roamio Pro only)

Lose your remote? No problem. Just press the button on the front of the Roamio Plus or Roamio Pro to use the remote finder. To turn off the remote finder, press this button again, or press any button on the remote.

CableCARD™ Decoder

This screen is typically used only during CableCARD installation. It is not applicable on the TiVo Roamio OTA.

A CableCARD decoder receives encrypted digital cable programming and decodes it for display on your TV without the need for a cable box. On the TiVo Roamio Plus/Roamio Pro, the CableCARD decoder plugs into the CableCARD slot on the back of the DVR. On the four-tuner TiVo Roamio, the CableCARD decoder plugs into a compartment on the underside of the DVR.

A CableCARD decoder is available only from your cable company and additional fees may apply from your cable company. It replaces your digital cable box, and allows you to receive the same programming channels in your subscription. To watch and record digital cable

programming, you must install one Multi-Stream CableCARD decoder (M-CARD). This one card will let you watch and record multiple shows at once.

Note: TiVo Roamio boxes do not receive analog channels. The TiVo Roamio Plus and Roamio Pro also do not receive over-the-air programming, and will not work with an over-the-air antenna.

External storage

Use this screen when you want to add or remove a TiVo-verified external storage device. Visit tivo.com/expand for more information on external storage solutions.

Name this DVR

Set or change the name of your TiVo Roamio. You can choose from a list of suggested names or create your own.

Network remote control

You can integrate your TiVo Roamio, home automation, and entertainment control devices on your network. These devices include touch panel remotes and other devices that are configured to work with TiVo's network-based remote control protocol. This setting will be enabled by your home entertainment or automation installer.

Tuning adapter

If your cable provider uses a technology called switched digital video (SDV), you will need a tuning adapter in order for your TiVo Roamio to receive all channels in your subscription package. Please contact your cable provider if you are not sure whether you need a tuning adapter.

For more information on tuning adapters and switched digital video, please visit tivo.com/switched.

Power saving settings

When you're not using your TiVo box, you can save power by letting the box go into Standby mode. Selecting a higher power saving setting means that the box will enter Standby sooner and that TiVo Suggestions may not record while the box is in standby. Scheduled recordings, transfers, and downloads will not be affected, regardless of your power savings setting.

Off The TiVo box will never enter Standby.

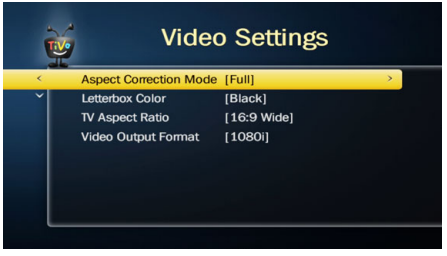
Low The TiVo box will enter Standby after four hours. TiVo Suggestions **will** be recorded while the box is in Standby.

Medium The TiVo box will enter Standby after four hours. TiVo Suggestions will **not** be recorded while the box is in Standby.

High The TiVo box will enter Standby after two hours. TiVo Suggestions will **not** be recorded while the box is in Standby.

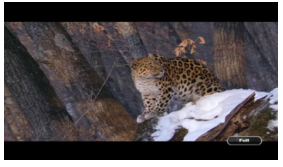
Video settings

From the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Video' to customize your TiVo Roamio's video settings.

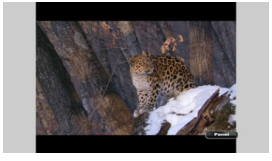


Aspect correction mode

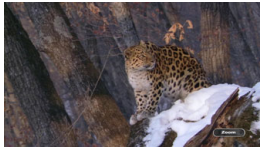
Aspect correction is applied when the aspect ratio of the show you're watching doesn't match the aspect ratio of your TV. (For example, if you are watching a standard resolution show on your wide-screen TV.) Use the Aspect Correction Mode settings screen to choose from the following options:



In **FULL** mode, the picture is stretched to fill the TV screen, which may result in some distortion. In the picture shown here, notice that black bars appear at the top and bottom of the screen, and the image look a bit squished. Since the Aspect Correction is Full, you know that the letterbox bars are included in the broadcast.



In **PANEL** mode, side bars are added to the picture to fill the screen, preserving the broadcast aspect ratio. This is useful if you're watching a show broadcast in 4:3 on a 16:9 TV, or vice-versa. In the picture shown here, notice that the image no longer look squished, but the picture size is dramatically decreased.



In **ZOOM** mode, the picture is stretched without distortion. The edges of the picture are cropped to fit the TV screen. This mode is useful if you're watching a show broadcast with letterbox bars or side bars. Zoom mode crops the letterbox bars out of the picture. The picture shown here looks best in Zoom mode.

Letterbox color

Letterbox is used to fit a 16 x 9 show on a 4 x 3 screen, and sidebars are used to fit a 4 x 3 show on a 16 x 9 screen. Choose which color the TiVo Roamio should use when it adds letterbox or side bars to the picture: gray or black.

TV aspect ratio

Aspect ratio refers to the proportions of your TV screen. A standard TV screen ratio is 4:3. Widescreen TVs are 16:9. Select the type of screen your TV has.

- Some TVs automatically change their display based on the type of signal they receive: high-definition or standard. If your 4:3 TV has this feature, you probably notice that it adds bars to the top and bottom of an HD picture. If so, select '4:3 Smart Screen.'
- If your TV does not have this feature, you may notice that it squeezes an HD picture into the 4:3 shape. If so, select '4:3 Standard Screen.' Check your TV's manual for its capabilities.

Video output formats

TV shows are broadcast in a variety of formats, and TV equipment receives and displays video in a variety of formats. For any given show, the format in which a show is broadcast may or may not match a format that your TV is capable of displaying.

The TiVo Roamio receives video signals in any of the four broadcast formats (1080i, 720p, 480p and 480i).

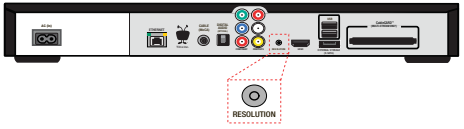
If you are using an HDMI® cable to connect your TiVo Roamio to your television, the TiVo Roamio will automatically set the optimal video output format for your TV. You can also set the output format automatically by selecting 'Auto Detect' from the Video Output Formats screen.

The Video Output Formats screen also allows you to test and set the video output format manually. Select 'Test Formats' and then follow the on-screen prompts to test which

formats your television can display. The supported formats will be automatically selected in the list of available video formats.

Using the RESOLUTION button

Normally you'll specify video output formats using the Video Output Settings screen (see Video output formats). But if your screen is black and you can't get to the TiVo menus, you can press the RESOLUTION button on the back of the TiVo Roamio Plus/Roamio Pro to change the Video Output format. Continue to press the RESOLUTION button until you see the desired format displayed on your television. (This option is not available on the four-tuner TiVo Roamio or the TiVo Roamio OTA.)



Parental Controls settings

Parental Controls help you make sure your family has access to only those shows you want them to watch. Set limits on movie and television ratings, lock specific channels, and prevent viewing of recorded shows that violate the settings you choose.

From the TiVo Central screen, choose 'Settings & Messages,' then 'Settings,' then 'Parental Controls.' (Or, select the padlock icon from the large info banner.)

The padlock icon in the info banner shows the current state of Parental Controls.

Off No password or controls are set. The icon is dim and unlocked.

On Password and controls are set. The icon is bright and locked.

Temporarily Off Controls are set but turned off. The icon is bright and unlocked.

When you turn Parental Controls off, your password is deleted.

Changing Parental Controls settings

Once Parental Controls are on, you must enter your Parental Controls password to change any Parental Controls settings.

Turn on Parental Controls Use the number buttons on the remote control to enter a four-digit password, then enter the same password again for confirmation.

Turn off Parental Controls Enter the password, and press SELECT. When Parental Controls are off, the password is deleted and anyone can view any shows or watch any channels.

Change PIN Select 'Change Password' from the Parental Controls screen. Enter a new PIN, then re-enter the new PIN to confirm.

Adjusting ratings settings for TV and movies

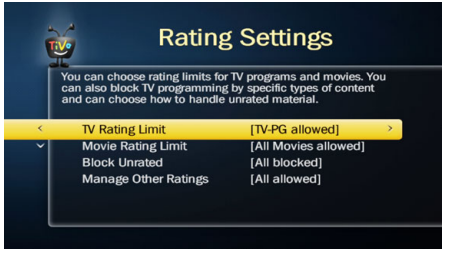
Movies originally meant for release to theaters have a different rating system from shows made for TV. Use rating limits to set rules for both rating systems, as well as for specific types of TV content. Select the rating type to change it.

TV/Movie rating limits Ratings shaded in green are not locked; ratings in red are locked. Use the UP/DOWN arrows to adjust which ratings are locked.

Block by TV content Types of content marked by broadcasters as able to be blocked are listed. Select each type of content you want to block, then use the UP/DOWN arrows to adjust which ratings are blocked (shaded in red).

Block Unrated Programs Some movies and TV shows are unrated. Use this setting to block all unrated movies or TV shows.

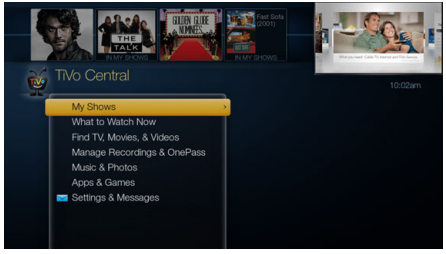
Manage Other Ratings Additional regional ratings may be available.



Locking channels

When a channel is locked, the Parental Controls password must be entered to view the channel. You can lock specific channels, or all channels.

Messages



From time to time, you may receive messages from the TiVo service. Messages may alert you to information about your account, new TiVo service features, important TV schedule changes, channel lineup changes, or other information.

When you receive a new message, the TiVo Central screen will display the an envelop icon next to the 'Settings & Messages' menu item.

To access your messages:

1. From the TiVo Central screen, select 'Settings & Messages.'
2. Select 'Messages.' A list of all of your messages appears. Messages you have not yet read are marked with an envelope icon: .
3. Use the UP/DOWN arrows to highlight a message, then press SELECT to read it. Use CH UP/DOWN to page through a message if it doesn't fit on the screen.

Account & system information

The Account & System Information screen provides information about your TiVo® Roamio and your TiVo service account. From the TiVo Central screen, select 'Settings & Messages,' then 'Account & System Information.'

System Information You'll need some of the information provided here if you contact TiVo Customer Support. This screen contains your TiVo service number, TiVo Roamio manufacturer, model number, software version, storage capacity, and information about recent connections to the TiVo service. Use the CH UP/DOWN button to see the rest of the screen.

Media Access Key Your Media Access Key keeps your TiVo recordings secure and prevents them from being played or transferred outside your home network. Do not share this key with anyone outside your household. You may need to enter this key when you install TiVo Desktop or use other home networking features of your TiVo Roamio.

Copyright & Trademarks This screen contains copyright, trademark, and other information related to the TiVo service.

Tuning Adapter This screen displays information about your tuning adapter, if one is connected. Please contact your cable provider if you are not sure whether you need a tuning adapter.

DVR Diagnostics This screen contains information about tuners and other TiVo Roamio functions. You may be asked to provide some of this information if you contact TiVo Customer Support.

CableCARD Decoder This screen contains information about the installed CableCARD decoder, if used.

Restart or reset system

Operations like Clear & Delete Everything may take over an hour. During this time, it is recommended that you turn off your TV to avoid "burn-in" of static images on sensitive video displays.

Options on this screen allow you to restart your TiVo Roamio, erase information, or restore original factory settings. From the TiVo Central screen choose 'Settings & Messages,' then 'Help,' then 'Restart or Reset System.'

Options include:

Restart the TiVo Box Shuts down the TiVo Roamio and starts it up again. This will not affect recorded shows, OnePass® recordings, WishList® searches, or TiVo Suggestions. You may need to restart your TiVo Roamio as a routine troubleshooting step.

Repeat Guided Setup You must repeat Guided Setup if you move or if you change your cable provider. Repeating Guided Setup will reset your channel lists. This will not affect recorded shows, OnePass recordings, WishList Searches, or TiVo Suggestions.

Clear Thumb Ratings and Suggestions Removes all Thumbs Up and Thumbs Down ratings and deletes the list of upcoming TiVo Suggestions. This does not delete TiVo Suggestions that have already been recorded.

Clear program information & To Do List Clears all program information, cancels all OnePass recordings and everything in the To Do List, and removes all Thumbs Up and Thumbs Down ratings. This does not delete shows in the My Shows list. The TiVo Roamio acquires new program information during the next connection to the TiVo service. Completing this process may take over an hour.

Clear & delete everything This option restores the TiVo Roamio's original factory settings. It clears all OnePass recordings, WishList Searches, Thumbs Up and Thumbs Down ratings, TiVo Suggestions, My Shows list recordings, program information, To Do List and setup information, including channel lists and Parental Controls. Completing this process may take over an hour.

Standby

To conserve power, you can put your TiVo DVR into Standby mode. From the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Standby' to put your TiVo® Roamio in Standby mode. To return to normal mode from Standby, press the TiVo button or the LIVE TV button on the remote, or the RESOLUTION button on the back of the TiVo DVR (Roamio Plus/Roamio Pro only).

You can choose from several levels of power saving when your device enters Standby. See Power saving settings to learn more.

When the TiVo Roamio is in Standby:

- Your TV shows a black screen and the lights on the front of the TiVo Roamio go out.
- Shows that are being recorded or are scheduled to record will still be recorded.
- The TiVo Roamio will still connect to the TiVo service.
- If you temporarily turned off Parental Controls, Standby mode re-enables them. See Parental Controls settings for more details.
- If live TV is paused when Standby is selected, the TiVo Roamio will remain paused for up to 30 minutes.
- TiVo Suggestions may be recorded, depending on your power saving setting. See Power saving settings for details.

6

Troubleshooting

Getting more info

TiVo is dedicated to providing you with quality information and customer service. Got a question? Here's how you'll always be able to find answers:

1. **Use this chapter.** This chapter contains answers to some of the most common questions customers have while getting started with the TiVo® service.
2. **Use the help screens on your TiVo Roamio.** For general troubleshooting, go to the TiVo Central® screen and select 'Settings & Messages,' then 'Help.'
3. **Get how-to information online.** You'll always find the latest information about what you can do with your TiVoRoamio online at tivo.com.
4. **Use online support.** Visit TiVo Customer Support online at tivo.com/support. If you have issues with missing channels, incorrect channels, or other channel lineup issues, visit tivo.com/lineup.
5. **Call Customer Support.** If you still have questions, contact a TiVo Customer Support agent by calling 1-877-367-8486 (1-877-FOR-TIVO).

Connecting your TiVo Roamio

I don't see the Welcome screen when I plug in my TiVo Roamio for the first time.

- Make sure cables are connected from the OUT jack of one device to the IN jack of the next. Never connect OUT to OUT or IN to IN.
- Make sure your TV is displaying the appropriate video source. Use the Input, Source, or TV/Video button on your TV's remote to change video sources. If you are having trouble changing the video source, refer to your TV owner's manual.
- On the TiVo Roamio Plus and Roamio Pro, try pressing the RESOLUTION button on the DVR's back panel several times, cycling through the various video formats.
- If your TiVo Roamio is connected to an A/V receiver, and you are having trouble finding the correct input, try connecting the TiVo Roamio directly to the TV instead.
- The cables you are using to connect your TiVo Roamio to your TV or other equipment may be damaged or defective. Try using cables that you know are working properly.

Completing Guided Setup

Do I need a network connection for Guided Setup?

- Yes. To complete Guided Setup, the TiVo Roamio needs to connect to the TiVo service. To do this, the you can use a wired (Ethernet or MoCA) or wireless network connection. As you choose your connection type, remember that a wired connection is required if you want to stream or transfer shows to other TiVo boxes and mobile devices. See the *Start Here* poster for more help connecting your TiVo Roamio.

How do I choose the correct cable lineup?

- Make sure you have an accurate list of channels you subscribe to from your cable provider. This list may be in the form of a channel lineup card or a recent bill from your cable provider. If you're not sure which channels you subscribe to, contact your cable provider.

TiVo service

What is the TiVo service?

- Think of TiVo service as the brains behind your TiVo Roamio. The TiVo Roamio uses the program information provided by the TiVo service to power the program guide, allow you to search for shows and schedule recordings, and more.

Will my TiVo Roamio work without the TiVo service?

- The TiVo Roamio is designed to be used exclusively with the TiVo service. The TiVo service is required for proper operation of the TiVo Roamio. No functionality is represented, warranted, or should be expected without a subscription to the TiVo service. The TiVo Roamio uses the program information provided by the TiVo service to record the shows you request, to provide OnePass® recording functionality, to power the program guide, to allow you to search for shows.

Does the TiVo service collect information about my viewing habits?

- TiVo has designed its system and instituted policies to ensure that TiVo is unable to access any of your personally identifiable viewing information without your prior consent. For details, see tivo.com/policies.

What happens if my TiVo DVR temporarily loses power?

- In the event of a power outage, any programs scheduled to record during the power outage will not be recorded. If a recording is in progress during a power outage, the recording will resume once power is restored and the DVR restarts. The recording will show up in two parts if the power is restored during the time the recording was made.

Your OnePass® requests, WishList® Searches, and all the existing recordings in the My Shows list will not be affected. Shows in your To Do List will record as scheduled once the power is restored.

OnePass

What is OnePass?

- OnePass, which replaces Season Pass® recordings, gathers *every* episode of a series available *anywhere* and adds them right to your My Shows list. If it's not available on TV or on demand, OnePass fills in the gaps with episodes from other streaming video providers like Netflix, Amazon Prime, and more.

Won't that take up all my disk space?

- No! By default, a OnePass contains both recordings and streaming videos, and most OnePasses provide the majority of episodes as streaming videos. Streaming videos are not stored on your TiVo box, so they don't take up any disk space. That means you'll have a lot of shows ready to watch at any time, but you'll still have ample disk space for recordings when you need it.

What happened to my Season Pass requests?

- If you've had a TiVo box for a while, you've probably set up Season Pass requests for your favorite series. With the introduction of OnePass, each existing Season Pass has been turned into a OnePass, with the OnePass options set to include recordings only. In essence, that means these OnePasses will work just as your Season Passes always have.

How can I change my OnePass options?

- When you first set up a OnePass, highlight "Create a OnePass." Rather than pressing SELECT to create the OnePass, press the RIGHT arrow and select "Options." To modify an existing OnePass, go to 'Manage Recordings & OnePass,' then 'OnePass Manager." Choose the OnePass you want to modify.

I am not getting many results when I set up my OnePass.

- To get the most out of OnePass, be sure to include both recordings and streaming videos. Also make sure that your video provider list is up to date, with all of your provider options selected. To check the video provider list, go to Settings > Channels > My Video Providers.

Channels

I can't go to one of my channels.

- Review your channel list to make sure all the channels you subscribe to are marked with a yellow check. Compare the channel list to the list of channels in your cable plan. See Your channel list for more information about your channel list.

- The TiVo Roamio Plus and Roamio Pro require a CableCARD™ decoder to receive any cable programming. Contact your cable company to order a CableCARD decoder or to make sure that all of the channels in your cable subscription have been activated on the CableCARD decoder. See CableCARD™ Decoder for more information.
- You may be trying to access an antenna or analog cable channel. TiVo Roamio boxes do not receive analog channels. The TiVo Roamio Plus and Roamio Pro also do not receive over-the-air programming, and will not work with an over-the-air antenna.

  Note: Most of the largest cable providers have "digital simulcast," which means they rebroadcast all of their analog channel programming on digital channels as well. This means that all programs available on analog channels are also available on digital channels when a CableCARD is inserted. Therefore, if your provider has "digital simulcast," you will not miss any of your cable channel programming with a TiVo Roamio Plus or Roamio Pro.

The TiVo Remote Control

My TiVo remote control doesn't work with my TiVo Roamio.

- Be sure you are using the TiVo Roamio's remote control, and that you hold it so that the TiVo button points toward the TiVo Roamio.
- If you are trying to use the remote control in RF mode (so that it can control a TiVo Roamio Plus or Roamio Pro that is not within line-of-sight), make sure the remote is paired with the DVR. See RF Remote Setup for instructions.
- Press any button on the remote. Does the light on the remote flash?
  - If the light does not flash, make sure the batteries are positioned correctly in the remote. If they are correctly positioned, try a new set of batteries. See the inside back cover of this guide for instructions on installing batteries.
  - If the light on the remote does flash, watch the lights on the front of the TiVo Roamio. If lights on the front of the TiVo Roamio do not respond to the remote, restart your TiVo Roamio. See Restarting the TiVo DVR for instructions.
- You may not have the correct input selected on your TV. Use the Input, Source, or TV/Video button on your TV's remote to change the input.

My Shows

My OnePass folder for a show is empty.

- You might be looking in the 'Recordings' view for a OnePass that has no recordings. Double check that you are using the correct view by going to the OnePass folder and pressing the C button. For more information, see Sorting and filtering shows.

I have a lot of streaming videos in My Shows. Do they take up disk space?

- No. Streaming videos are not stored on the TiVo DVR, so they do not take up any disk space.

I know I added a new show, but I can't find it in the My Shows list.

- Make sure you're looking in the correct My Shows category. For instance, if you are looking for a kids' show, make sure that Kids or All is selected in the left-hand column, rather than Movies or TV Series category.
- Try switching views by pressing the C button. You might be looking in the 'Recordings' view for a OnePass that has no recordings, or you might be in a folder where the default view is 'Season' and new episodes are at the bottom of the list.

How can I fit more shows in My Shows?

- Make sure your OnePasses include streaming videos; streaming videos do not take up any disk space.
- Set up OnePass recordings with the Recording Option 'First-run only' or 'New only' to record only new episodes.
- To make space, delete some shows. To delete a show, highlight the title and press CLEAR.
- Reduce the number of recordings that are marked 'Keep Until I Delete.'

Watching Live TV

Can I watch a show while it's being recorded?

- Yes, you can watch a show as it is being recorded; you can also watch any show from the My Shows list while other shows are being recorded.

I can't find my show in the guide, even though I know it's on.

- Occasionally the program information provided by the networks includes errors. We would like to hear of any inaccuracies you discover so that we can work with our providers to correct them. Contact TiVo Customer Support at 1-877-367-8486 (1-877-FOR-TIVO).

Recording shows

Can I record more than one show at the same time, or watch one channel and record another?

The TiVo Roamio Plus and Roamio Pro are capable of recording up to six shows on different channels at the same time.

The four-tuner TiVo Roamio and the TiVo Roamio OTA are capable of recording up to four shows on different channels at the same time.

Why can't I adjust the recording quality of some shows?

- There's no option to change the recording quality of HD or digital broadcast shows. The TiVo Roamio records the pure digital signal it receives.

How can I record a show (or shows) when there is a conflict?

- The TiVo Roamio gives each repeating recording a priority. You can resolve some conflicts using the OnePass Manager to change priorities. See Using the OnePass Manager. (OnePass shows and auto-recording WishList shows are repeating recordings.)
- If you encounter a conflict for a single episode, you can see if the episode you want will air at a different time. Select the show from the To Do List, then select 'View Upcoming Episodes.'
- You can sometimes resolve recording conflicts by changing the 'Stop Time' or 'Start Time' Recording Options. See Setting more options for more details.
- If a single episode of a repeating recording conflicts with another show, you can select that episode in the To Do List and change it independently of the rest of the repeating recording.
- Set up OnePasses to include streaming videos. Since streaming videos are available any time, no recording is necessary. You'll be less likely to encounter conflicts and less likely to run out of space in the My Shows list.
- Turn on the Overlap Protection™ feature. See Recording with Overlap Protection.

I can't find my show in a search even though I know it's on.

- The TiVo Roamio uses your Channel List and Video Provider list to search for shows. Verify that the channel is selected in your Channel List. Does the channel have a check mark next to it? To give it one, highlight the channel and press SELECT. For more, see Your channel list. Also make sure that all video providers are selected in your video provider list. To learn more, see My video providers.
- Look on the Network screen (from the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Network' for the time of the last successful connection to the TiVo service. If it was more than 36 hours ago, your TiVo Roamio may be having trouble connecting to the TiVo service. Select 'View network diagnostics,' then 'Test Connection' to test the current settings. If the test connection does not succeed, see Connecting to the TiVo service for connection troubleshooting. Once you have made a successful test connection, start a regular connection by selecting 'Connect To The TiVo service Now.' If your connection is successful, new program information will be downloaded and organized, and will become available to search in about one to five hours.

- Is your TiVo service account up to date? Check your account status on the System Information screen (from the TiVo Central screen, select 'Settings & Messages,' then 'System Information'). If your account is suspended or closed and you wish to re-activate it, go to tivo.com/manage, or refer to Getting more info for TiVo Customer Support contact information and give us a call.

I can't search for shows. The TiVo Roamio says it is organizing program information.

- Your TiVo Roamio may not have all its program information yet. The first time you go through Guided Setup, the TiVo Roamio downloads some program information from the TiVo service. More program information becomes available after the next time the TiVo Roamio connects to the TiVo service. After 24 hours, full information (up to 2 weeks) is available.
- If the TiVo Roamio loses power while it is organizing program information, the organizing process will stop until the TiVo Roamio makes a successful connection to the TiVo service, and then will start again. If your TiVo Roamio lost power while it was organizing program information, you can get it to start organizing again by starting a connection to the TiVo service. See Connecting to the TiVo service.

What happens if a live event I have scheduled to record goes into overtime?

- If the TiVo service detects that a recording you're setting up is of a live show (like a sporting event or an awards show) you'll see a message asking whether you'd like to add more time at the end of the recording, just in case it goes into overtime.
- If you are watching a show while it's being recorded, you can add extra recording time from the Recording Options screen. See Extending live recordings.

Is there a way to record a show that will not be aired for weeks or months?

- Create an auto-recording WishList® search for shows that are not yet listed in the guide. See Creating WishList® searches for more.
- If you know the date, time, and channel on which the show will air, you can create a manual recording to record it.

Why wasn't my show recorded?

- Make sure the TiVoRoamio is connecting to the TiVo service. See Connecting to the TiVo service.
- View your History for an explanation of why the show did not record. History is the first selection in the To Do List (see Viewing recording history). Here are some reasons why a show may not have recorded:
  - When OnePass recordings and other repeating recordings conflict, shows are recorded according to their priority in the OnePass Manager. See Using the OnePass Manager.
  - If the show was a rerun, your OnePass recording may be set to record First Run Only shows.

- The show may have been deleted from the My Shows list by someone else in your household.
- The show may have been canceled by the network.
- There may have been a conflict when requesting another show, and the proposed resolution was to delete the missing show earlier than planned. If you accepted that resolution, the show would have been deleted.
- There may have been a power outage that affected the recording.

Connecting to the TiVo service

You can make a connection with the TiVo service at any time. Go to the TiVo Central screen and select 'Settings & Messages,' then 'Settings,' then 'Network,' then 'Connect to the TiVo service Now.'

Your TiVo Roamio connects to the TiVo service using your home network's Internet connection.

If you're having trouble connecting to the TiVo service, the problem might be in the connection of your TiVo Roamio to your home network, or it might be in the connection of your home network to the Internet.

To figure out where the problem is, start by trying to go online from a computer on the same network as your TiVo Roamio. If you can't browse the web from your computer, there is a problem with your home network. Troubleshoot the connection from your home network to the Internet.

If you can browse the Internet from a computer on the same network as your TiVo Roamio, there may be a problem connecting to your TiVo Roamio. Try the suggestions below:

- **Check physical connections and cables.** Ensure that all network equipment is receiving power and that all cable connections for routers, hubs, access points, and computers in the network are working. Verify that the "link" light is lit on all devices connected to the network.
- **Restart network devices.** If you have a router or wireless access point, unplug it, wait a moment, and then plug it back in.
- **Check your Network Settings.** Verify that your Network Settings are correct. See Network settings.
- **Update router or home gateway firmware.** If your home network uses a router, home gateway, or wireless access point, it may need a firmware update. Firmware is a software program that is loaded onto a hardware device. You can usually find any updated firmware at the Customer Support website for the manufacturer of your hardware.
- **Check Static IP Address.** If you assigned an IP address to your TiVo Roamio, check that its IP address is unique on your network. Also, confirm that the first three sets of numbers of the TiVoRoamio's IP address are the same as those of other devices on the network. (For example, if your computer's IP address starts with **192.168.1**, then your TiVo Roamio's IP address must also start with **192.168.1**.)

- **Restart the TiVo Roamio.** See Restarting the TiVo DVR for instructions.

What is a MoCA network?

In a MoCA (Multimedia over Coax) network, your devices connect to each other through your cable network -- the same coaxial cable that brings cable TV to your television set.

You can use your TiVo Roamio Plus or Roamio Pro to enable MoCA throughout your entire home! For instructions, see MoCA settings. Or, if you already have a MoCA network, you can just add your Roamio to it! (The four-tuner TiVo Roamio and the TiVo Roamio OTA will require a MoCA network adapter to connect. You can get one at tivo.com/store.)

To learn more about installing and using MoCA, including how to secure your MoCA network, visit www.tivo.com/moca.

Audio and Video

How can I get the best picture quality?

- Make sure you are using the best video output format for your TV. See Video output formats to learn more.
- Do not connect the unit through a VCR. Video signals fed through VCRs may be affected by copyright protection systems and the picture will be distorted on the television.

How do I get rid of the bars at the top & bottom or sides of the picture?

Letterbox bars (at the top & bottom) and side bars may be added to a show by the broadcaster, by the TiVo Roamio, or by your TV. In some cases, it may be difficult to determine the source of the bars in order to determine how to eliminate them.

- Set the TiVo Roamio's Letterbox Color to gray. From 'Settings & Messages,' select 'Settings,' then 'Video,' then 'Letterbox Color.' Since most broadcasters add black bars, making the TiVo Roamio bars gray will help you determine the source of the bars.
- Make sure your TV Aspect Ratio is set correctly. From 'Settings & Messages,' select 'Settings,' then 'Video,' then 'TV Aspect Ratio.'
- Check your TV's owner's manual for information about how it may be adding letterbox or side bars to the picture.

The audio and video are out of sync.

- The audio and video may re-sync if you change channels.
- You may be able to re-sync audio and video by pressing the REPLAY button on the remote control.
- Press the TiVo button to go to the TiVo Central screen, then press the LIVE TV button to return to live TV.
- Restart your TiVo Roamio. See Restarting the TiVo DVR for instructions.

My TiVo Roamio was working, but now the picture is frozen.

- Try changing channels several times.
- Press PAUSE, then PLAY ▶.
- Restart your TiVo Roamio. See Restarting the TiVo DVR for instructions.

I don't get a picture now, even though I have been able to get one in the past.

- Your TV may not be set to the correct input. Most TVs have an input button that says either "TV/Video," "Input," or "Source." It may be on the TV or on the TV remote control. Look at your TV and TV remote and try changing the input setting.
- On the TiVo Roamio Plus and Roamio Pro, use the RESOLUTION button on the back of DVR to cycle through the various video output formats.
- Check to make sure all of the appropriate cables are firmly connected to your TiVoRoamio, television, and other audio/video equipment. For help with your audio/video connections, see the *Start Here* poster or Appendix A of this guide.
- Someone in your household may have placed the TiVo Roamio in Standby mode. To return to normal mode from Standby, press either the TiVo button or the LIVE TV button on your TiVo remote control.

My audio system is set up to play in stereo, but it is only playing mono.

- Make sure that Default Audio Program (stereo) is selected on the Audio settings screen (see Audio settings), and be sure you connected audio using the TiVo Roamio's L/R Audio Out jacks.

I can't select an alternate audio track.

- Recorded shows, such as those in the My Shows list, always have only one audio track, the one they were recorded with.
- You cannot change the audio track if you are watching a live show, but are not caught up to live TV. Catch up to live TV by pressing the ADVANCE button. Changing the audio program will clear the saved part of the show you are watching, so you will only be able to rewind live TV to the point where you changed the audio program.

My shows are playing in the wrong language.

- You may have selected the wrong language in the Default Audio Language setting. To modify this setting, select 'Settings & Messages,' then 'Settings,' then 'Audio,' then 'Alternate Audio.'

I see a gray screen with a message that says "Searching for signal."

Your TiVo Roamio is having trouble tuning to the channel you are on. Follow these steps to restore the video:

- Try changing channels. If the message appears on just a few channels, you may be tuned to a channel to which you do not subscribe, or you may be experiencing a weak signal on a channel to which you do subscribe.
- A multi-stream CableCARD (M-CARD) decoder may not be installed (does not apply to TiVo Roamio OTA or if you are using the four-tuner TiVo Roamio with an over-the-air antenna).
- You may be experiencing a temporary cable outage; check with your cable provider.
- Your video cable may have come loose. Make sure all the cable connections on the back of your TiVo Roamio are secure.
- The cables you are using to connect your TiVo Roamio to your TV or other equipment may be damaged or defective. Try exchanging the cables connected to the TiVo Roamio with other cables that you know are working properly.

Parental Controls

My Parental Controls are not working.

- For Parental Controls to work, they must be on (not temporarily turned off). When you enter your password to watch a show that violates Parental Controls, they are temporarily turned off. You can re-enable them on the Parental Controls screen (from the TiVo Central screen, select 'Settings & Messages,' then 'Settings,' then 'Parental Controls'), or by putting your TiVo Roamio in Standby mode and then taking it out of Standby. (Put your TiVo Roamio in Standby mode by selecting 'Settings & Messages,' then 'Standby.' To return to normal mode from Standby, press either the TiVo button or the LIVE TV button.)

Restarting the TiVo DVR

How do I restart the TiVo DVR?

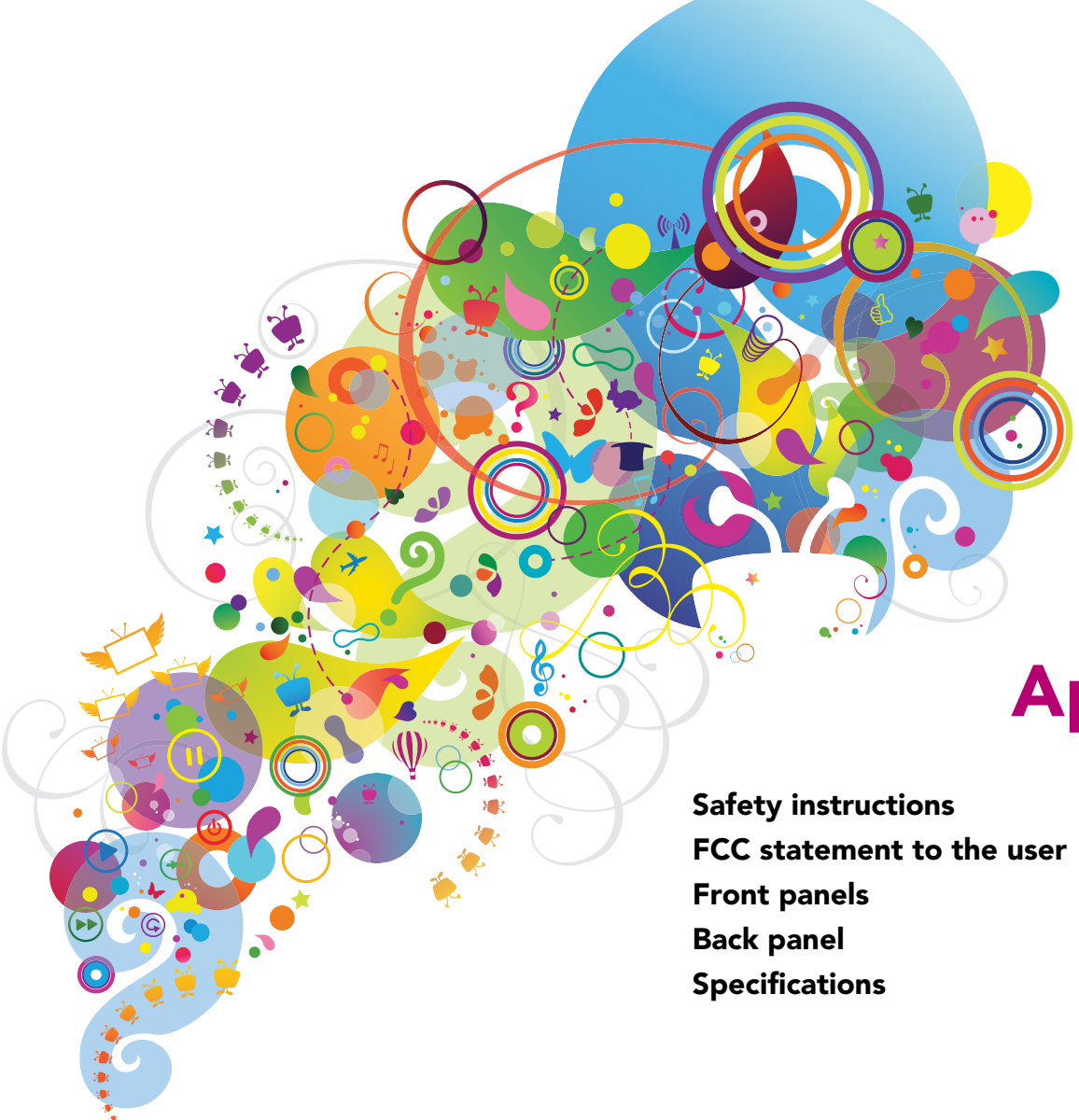
You may need to restart your TiVo DVR as a troubleshooting step.

Note: The restarting process can take 10 - 15 minutes.

To restart the DVR, go to TiVo Central screen and select 'Settings & Messages,' then 'Help.' Choose 'Restart or reset system,' then 'Restart the TiVo Box.' As a safety measure, enter press THUMBS DOWN three times, then press ENTER.

Note: If you cannot access the TiVo menus, you can restart the TiVo DVR by unplugging the power cord, waiting 15 seconds, and plugging the power back in.

When the restart process is complete, a TiVo welcome video may begin playing automatically. Press the TiVo button to bypass this video and go directly to the TiVo Central screen.



A

Appendix A

Safety instructions	**88**
FCC statement to the user	**91**
Front panels	**92**
Back panel	**94**
Specifications	**98**

Safety instructions

Save these safety instructions.

Before you begin

Make sure all your equipment is turned off and the TiVo DVR is unplugged.

Your TiVo DVR is only capable of supporting the weight of one or two common A/V components such as VCRs, DVD players, or A/V receivers (provided they have four good, broad, padded feet that distribute of the weight near the corners of the TiVo DVR).

Also, avoid stacking your TiVo DVR on top of other electronic components — such as DVD players, A/V receivers — or the vents of your TV.

This product is for use only with listed ITE (Information Technology Equipment).

Safety information

This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions of which you should be particularly aware. Please read these instructions before operating the equipment and save them for future reference.

1. Read Instructions — All the safety and operating instructions should be read and understood before the appliance is operated.
2. Retain Instructions — The safety and operating instructions should be retained for future reference.
3. Heed Warnings — All warnings on the appliance and in the operating instructions should be followed.
4. Follow Instructions — All operating and use instructions should be followed.
5. Water and Moisture — The appliance should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, near a swimming pool, etc.
6. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.
7. Tilt/Stability — All televisions must comply with recommended international global safety standards for tilt and stability properties of their cabinet design. Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet, which could ultimately overturn the product. Also, do not endanger yourself, or children, by placing electronic equipment/toys on top of the cabinet. Such items could unexpectedly fall from the top of the set and cause product damage and/or personal injury.
8. Ventilation — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings. Do not block ventilation holes by placing items such as magazines, clothing, etc., on top of the unit.

9. Heat — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

10. Power Cord Protection — Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords and plugs, convenience receptacles, and the point where they exit from the appliance.

11. Object and Liquid Entry — Never push objects of any kind into this product through cabinet slots, as they may touch dangerous voltage points or short the parts, resulting in the risk of fire or electric shock. Never spill liquid of any kind on this product.

12. Damage Requiring Service — The appliance should be serviced by qualified service personnel when:
    A. the power supply cord or plug is damaged or frayed;
    B. liquid has spilled into the product;
    C. the product has been exposed to rain or water;
    D. the product does not operate normally when you follow the operating instructions (adjust only those controls that are discussed in this guide, as improper adjustment of other controls may result in damage, often requiring extensive work by a qualified technician to restore the product to normal performance);
    E. the product has been dropped or the cabinet damaged;
    F. the product exhibits a distinct change in performance.

13. Servicing — The user should not attempt service to the appliance beyond that described in the Troubleshooting section of this guide. All other servicing should be referred to qualified service personnel.

14. Cleaning — Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners; use a damp cloth for cleaning. If the product comes in contact with any liquid, unplug the power cord and let the unit dry thoroughly before plugging it back in.

15. Power Source — This product should be operated only from the type of power source indicated on the marking label or in this guide. If you are not sure of the type of power supply to your home, consult your dealer or local power company.

16. Overloaded Power Outlets — do not overload wall outlets and extension cords, as this can result in the risk of fire or electric shock.

17. Coaxial Cable Grounding — For this product, the coaxial cable shield/screen shall be grounded as close as practical to the point of entry of the cable into the building. For products sold in the US and Canada, this is per Article 800-93 and Article 800-100 of the NEC (or Canadian Electrical Code Part 1), which provides guidelines for proper grounding of the coaxial cable shield.

18. Electric Shock — To reduce the risk of electric shock, do not disassemble this product. Take it to a qualified service person when service or repair work is required. Opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when this product is subsequently used.

19. Moving — Avoid moving the unit while it is plugged in to avoid accumulative shock.

20. CAUTION — Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Dispose of used batteries according to the manufacturer's instructions.

FCC statement to the user

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC radiation exposure statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body. The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

Compliance information

Model numbers: TCD846500 (four-tuner TiVo Roamio/Roamio OTA), TCD848000 (Roamio Plus); TCD840300 (Roamio Pro); RC30A00, RC30B00 (Remote). FCC IDs: TGN-TCD8465 (four-tuner TiVo Roamio/Roamio OTA), TGN-TCD8400 (Roamio Plus/Roamio Pro), TGN-RC30 (Remote)

Askey International Corporation, 800 Corporate Way, Suite B, Fremont, CA 94538

Model numbers: WLU5054 (four-tuner TiVo Roamio/Roamio OTA), WLU5200 (Roamio Plus/Roamio Pro). FCC IDs: H8N-WLU5054 (four-tuner TiVo Roamio/Roamio OTA), H8N-WLU5200 (Roamio Plus/Roamio Pro)

Front panels

Roamio Plus & Roamio Pro

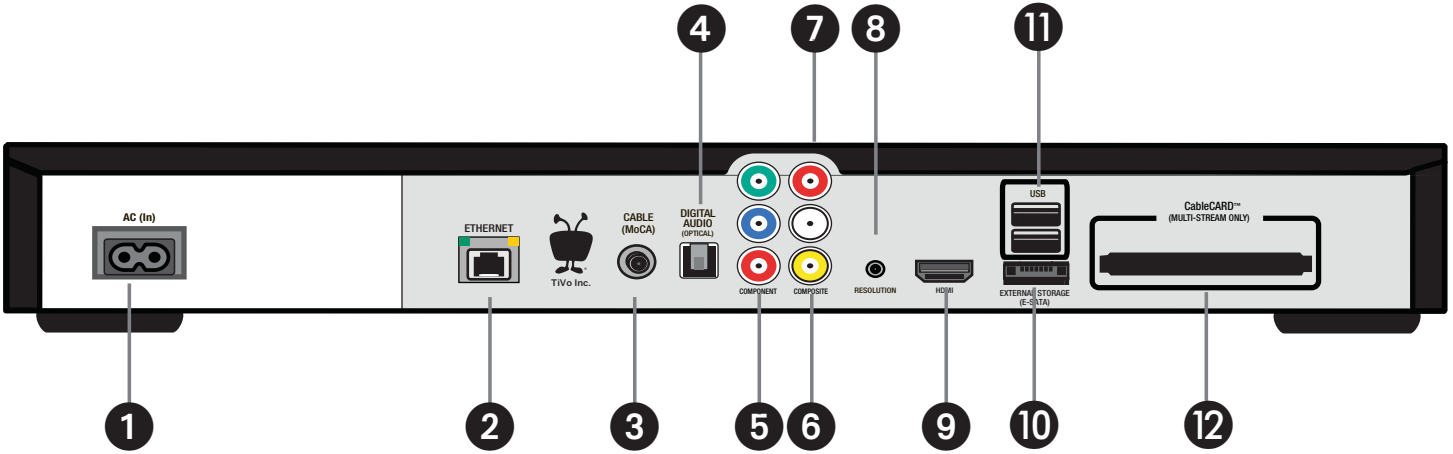
1. **Green LED.** Indicates that the TiVo DVR is powered on.
2. **Amber LED.** Flashes when the DVR receives a signal from the remote. Press this button to use the **remote finder**. To turn off the remote finder, press this button again, or press any button on the remote.
3. **Blue LED.** Indicates a transfer to another TiVo box, stream to another TiVo box, or download in progress.
4. **Red LEDs.** Indicate recording(s) in progress.

Four Tuner TiVo Roamio/TiVo Roamio OTA

1. **Green LED.** Indicates that the TiVo DVR is powered on.
2. **Amber LED.** Flashes when the TiVo Roamio receives a signal from the remote.
3. **Blue LED.** Indicates a transfer to another TiVo box, stream to another TiVo box, or download in progress.
4. **Red LEDs.** Indicates recording(s) in progress.

Back panel

TiVo Roamio Plus/Roamio Pro



1 **Power In.** Connects to power outlet. The TiVo Roamio Plus/Roamio Pro does not have a power switch; plugging it into the wall socket turns it on. CAUTION: TO PREVENT ELECTRICAL SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT. See Safety instructionsfor details.

2 **Ethernet.** Connects the TiVo Roamio Plus/Roamio Pro to your home network using an Ethernet cable. Note that a wired Ethernet or MoCA connection is required for streaming shows.

3 **Cable/MoCA.** Connects to your cable TV source. If using a MoCA home network, also connects the TiVo Roamio Plus/Roamio Pro to your home network. Connect the Coaxial RF cable coming from the wall to this jack.

4 **Digital Audio (Optical).** Connects to an A/V receiver or home theater system. Use an optical digital audio cable (sold

separately) to connect the TiVo Roamio Plus/Roamio Pro to your home theater system for digital sound.

5 **Component Video Output.** Connects to a TV or A/V system. Component Video provides a high-definition picture using a Component Video cable. A separate connection is required for audio; you can use the included Left/Rigt audio cables (the white and red connectors) or another audio cable.

6 **Composite Video Output.** Connects to a TV, VCR, DVD recorder, or A/V system. Composite Video (yellow connector) provides very good standard definition picture quality. It does not provide high-definition video. It is used with the Left/Right Audio cables (the white and red connectors).

7 **Left/Right Audio Outputs.** Connects to a TV, VCR, DVD recorder, or A/V system. Connect the Left/Right Audio cables (the white and red connectors) to these jacks for analog stereo sound.

8 **Resolution.** If your screen is black and you can't get to the TiVo menus, press the Resolution button to cycle through video output formats. See Video output formats for more information.

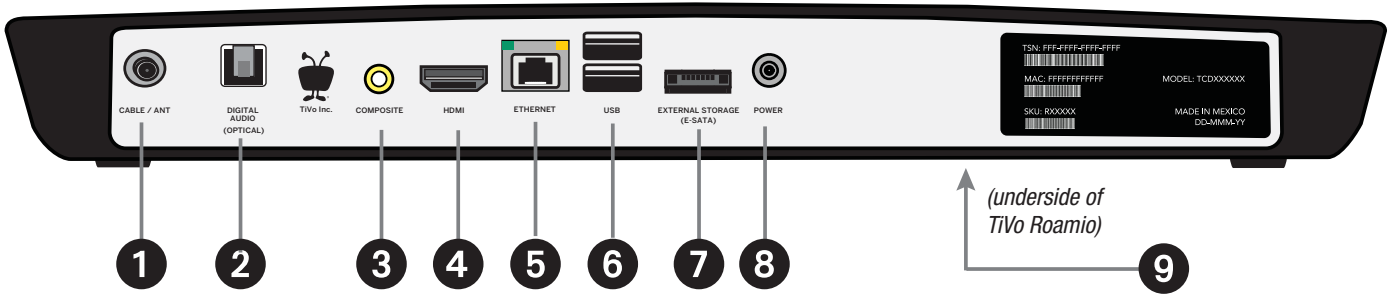
9 **HDMI® port.** Connects to a TV, A/V receiver, or home theater system. The HDMI port provides a pure digital connection for high-definition video and digital audio all in one cable.

10 **External Storage.** For TiVo-verified external hard drive.

11 **USB.**

12 **CableCARD.** Slot for one multi-stream CableCARD™ decoder. Once your multi-stream CableCARD decoder is installed, you should not remove it for any reason.

Four-Tuner TiVo Roamio/Roamio OTA



1. **Cable/Antenna.** Connects to your cable TV source or a TV antenna. Connect a Coaxial RF cable from your wall/cable source or antenna to this jack.
2. **Digital Audio (Optical).** Connects to an A/V receiver or home theater system. Use an optical digital audio cable (sold separately) to connect the two-tuner TiVo Premiere DVR to your home theater system for digital sound.
3. **Composite.** Connects to a TV, VCR, DVD recorder, or A/V system. Breakout composite cable (available at tivo.com/store.) provides very good standard definition picture quality and analog audio (stereo).
4. **HDMI.** Connects to a TV, A/V receiver, or home theater system. HDMI provides a pure digital connection for high-definition video and digital audio all in one cable.
5. **Ethernet.** Use this jack to connect the four-tuner TiVo Roamio or Roamio OTA to your home network using an Ethernet cable. Note that a wired Ethernet or MoCA connection is required for streaming shows.
6. **USB.** Use one of the two USB ports to connect the four-tuner TiVo Roamio or Roamio OTA to your home network using the TiVo Wireless G Network Adapter. Please note, however, that a wired network connection (Ethernet or MoCA) is required for streaming shows.
7. **External Storage.** For TiVo-verified external hard drive.
8. **Power.** Connects to power outlet. The four-tuner TiVo Roamio/Roamio OTA does not have a power switch; plugging it into the wall socket turns it on. CAUTION: TO PREVENT ELECTRICAL SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, AND FULLY INSERT. See Safety

instructions for details.

9 **CableCARD™ Compartment (on the underside of the four-tuner TiVo Roamio only).** Compartment for one multi-stream CableCARD. Once your multi-stream CableCARD decoder is installed, you should not remove it for any reason.

Specifications

Video Out

TiVo Roamio Plus/Roamio Pro:

- HDMI (1) (combined audio/video)
- Component Video RCA (1)
- Composite Video RCA (1)

Four-Tuner TiVo Roamio/Roamio OTA:

- HDMI (1) (combined audio/video)
- Composite Video/Standard audio (1)

Audio Out

TiVo Roamio Plus/Roamio Pro:

- HDMI (1) (combined audio/video)
- Digital Audio (Optical) (1)
- Stereo L/R RCA (1 pair)

Four-Tuner TiVo Roamio/Roamio OTA:

- HDMI (1) (combined audio/video)
- Composite Video/Standard audio (1)
- Digital Audio (Optical) (1)

RF In

TiVo Roamio Plus/Roamio Pro: Cable/MoCA (1)

Four-Tuner TiVo Roamio/Roamio OTA: Cable/Antenna (1)

Expansion port

All TiVo Roamio models:

- USB (2)
- Ethernet (1)
- E-SATA (1) *for TiVo-verified external hard drive

Power

TiVo Roamio Plus/Roamio Pro: 120VAC, 60Hz, 1.0A

Four-Tuner TiVo Roamio/Roamio OTA:
100-240 VAC, 56/60 Hz, 0.6A

Ambient (External) Operating Temperature

All TiVo Roamio models: 15 °C to 35 °C

Operating Humidity

All TiVo Roamio models: 5% to 80%

Dimensions

TiVo Roamio Plus/Roamio Pro: 16.5" w x 9.7" d x 2.4" h

Four-Tuner TiVo Roamio/Roamio OTA:
14.4" w 7.35" d x 1.83" h

Storage

SATA Hard Drive. NOTE: Actual recording capacity depends on the type of recording.

Index

Numerics

30-second advance 60
30-second fast-forward 8

A

ADVANCE button, customizing 60
Amazon Instant Video 46
apps 50
aspect
    correction 65
    ratio 66
audio
    jacks 95, 96
    settings 52
    troubleshooting 84
auto-recording
    TiVo Suggestions 25

B

B button, in My Shows 6
blocking programs 69
browsing TV and movies 23

C

C button, in My Shows 6
Cable In jack 94
CableCARD decoder v
    information screen 71
    settings 62
cache 10
channels
    changing 9
    channel lists 53
    favorites 53
    locking 69
    recording programs by 27
    settings 53
    showing in the program guide 20
CLEAR button, deleting shows 4
clearing all settings 72
client iv
clipping recordings 38
closed captioning 55
collections, browsing 23
Component Video jack 95
Composite Video jacks 95, 96
Currently Unavailable folder 5
Customer Support, contacting 76

D

deleted recordings 33
deleting all settings 72
deleting shows, the CLEAR button 4
digital audio jack 94, 96
Discovery Bar
    about 2, 24
    customizing 24
display settings 55
Dolby Digital audio 52
Dolby Digital icon 44
Download Manager 34

E

error, in the program guide 80
Ethernet jack 94, 96
Extend Live Recordings 39
external storage 63

F

factory reset 72
favorite channels
    setting 53
    showing in the program guide 21
folders, in My Shows 5
front panel lights 55
full mode 65

G

green bar, *see* status bar
Guide Options screen 20

Guide, finding programs with 20
Guided Setup
    repeating 72
    troubleshooting 77

H

HDMI jack 94, 96
host iv
Hulu Plus 47

I

info banner
    hiding 43
    icons and 44
    viewing 44
iPad applications 63
iPhone applications 63
iPod, transferring shows to 17

K

keeping recordings 12, 36, 37

L

Left/Right Audio jacks 95, 96
letterbox color 66
lights, front panel 55
live TV
    about 8
    rewinding 43
Live365 49
locking channels 69

M

Media Access Key 71
messages, about 70
MoCA network
    about v, 57
    creating 57
    joining 58
    troubleshooting 84
More options 7
music
    Live365 49
    Pandora Internet Radio 49
    Rhapsody Music Service 49
My Shows
    All Episodes view 6
    categories 4
    folders 5
    My Episodes view 6
    progress bar 6
    Recordings view 6
    season selector 6
    sorting & filtering 6
    troubleshooting 79
My Video Providers setting 54

N

Netflix 46, 47
network connection, settings 57, 59
network remote control 63
Network Settings screen 56

O

OnePass
    changing or canceling 33
    creating 11
    definition 11
    options 11
OnePass Manager 33
OnePass options
    customizing 11, 36
    default 35
OTA v
Overlap Protection 38
over-the-air v

P

Pandora Internet Radio 49
panel mode 65
Parental Controls
    settings 68
    Standby mode and 73
password protection
    networks and 57, 59
    Parental Controls and 68
photos
    Photobucket 50
    Picasa 50
    viewing 50
Podcaster 50
Power Saving settings screen 64
program details screen 7
program guide

customizing 20
hiding 43
program information screen, more options 7
program options 7
progress bar 6

R

recording capacity 98
Recording History screen 33
recording multiple shows at once 80
recording options
customizing 36
default 35
recordings
canceling 33
clipping 38
deleted 33
keeping 12, 37
managing 33
maximum number saved 12, 37
remote control
A button 4, 5
entering text with 59
finder 62
programmable buttons 60
resetting buttons 60
settings 60
troubleshooting 79
remote control finder 92
repeating Guided Setup 72
Replay button 8
reruns, skipping 12, 35, 37
RESOLUTION button 67, 76, 85
restarting the DVR 72
Rhapsody Music Service 49

S

SAP 52
saved portion of a program 10
searching for programs
by category 30
Season Pass recordings, *see* OnePass
season selector 6
secondary audio programs 52
service number, finding 71
settings
audio 52
CableCARD 62
channels 53
closed captioning 55
deleting all 72
display 55
external storage 63
network 56
network remote control 63
Parental Controls 68
power saving 64
remote control 60
TiVo Suggestions 25
tuning adapter 63
video 65
video providers 54
setup, repeating 72
shows
transferring to a portable device 17
sound effects, volume of 52
sports, browsing 23
Standby mode 73
status bar
about 42
hiding 43
storage 98
streaming iv
Streaming Movies folder 5
suggested programs 25
system information 71
system restart or reset 72

T

technical support, contacting 76
thumb ratings
clearing 72
using for suggestions 25
time, recording programs by 27
TiVo app 17
TiVo service
connecting to 56
finding your service number 71
messages about 70
TiVo Suggestions
about 25
clearing 72
settings 25
To Do List
about 33

managing 33
transferring shows
to a portable device 17
Tuners v
tuning adapter
information screen 71
settings 63
TV, browsing 23

U
upcoming recordings, viewing 33

V
video
settings 65
troubleshooting 84
video on demand
and the status bar 42
video providers, about 46
video providers, customizing in search results 46
video podcasts
managing 34
Video Providers setting 54
video window
about 2
hiding 2
turning off 2, 55

W
watching multiple shows at once 9, 80
web videos, and the status bar 42
wireless network, settings 59
WishList searches 30

Y
YouTube 48

Z
Zoom mode 65

TiVo Roamio™ Remote

The **TiVo button** takes you to the TiVo Central® screen, the starting point for all your TiVo features and settings.

If programmed, **TV PWR** turns your TV on or off.

Use **Input** to select the input (such as a DVR, DVD player, game system) your TV displays.

Back goes back to the previous screen (in certain apps).

Guide takes you to the program guide, where you can find shows to watch or record.

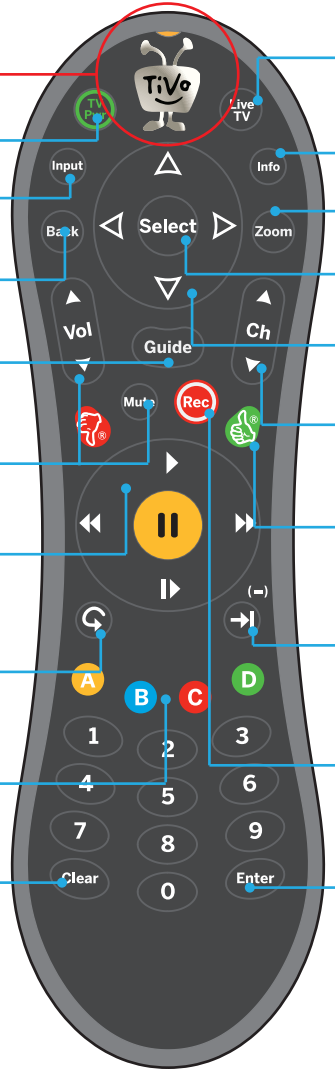
If programmed, **Volume** and **Mute** control the volume on your TV or A/V receiver.

Play, **Pause**, **Rewind**, **Fast-Forward** or play shows in **Slow Motion**. Press Rewind and Fast-Forward up to three times for three speeds.

Replay repeats the last 8 seconds of the show. Press and hold to jump to the beginning of a show.

The **letter buttons** sort and filter views. Look for the on-screen tips.

Clear removes the display of the info banner or program guide, and deletes titles from the My Shows or To Do list.



Live TV takes you to live TV. If you're watching live TV, use it to cycle through the tuners.

Info shows the info banner while watching live TV; press it again to make it disappear.

Use **Zoom** to change aspect ratio of shows on your TV or to return to full-screen from the Video Window.

Press **Select** to choose menu items or, when watching live TV, to bring up the Mini Guide.

Use the **arrow buttons** to navigate the TiVo menus and the program guide.

Use the **Channel Up/Down** buttons to change the channel and to page up or down while in the program guide or TiVo menus.

Use the **Thumbs Up** and **Thumbs Down** buttons to rate shows, collections, or video providers for TiVo Suggestions.

Advance moves forward in 30-second increments; press and hold to jump to the end of the show. Or, press Advance to jump to the next tick mark when fast-forwarding or rewinding.

On a DVR, press **Record** to record the show you're watching, or to set up a recording for a show selected in the guide. On other devices, pressing **Record** has no effect.

Enter/Last returns you to the last channel tuned to in live TV.

Remote control tips & shortcuts

Press the TiVo button once to go to the TiVo Central® screen, or twice to **go to the My Shows list**—your list of recorded shows.

While watching live TV, press SELECT to see the **Mini Guide**: a snapshot of what's coming up on the next three channels.

CH UP/DOWN does more than change the channel—it also **pages up or down through lists** of shows or menu items.

Press ADVANCE to **move forward 30 seconds**. Press and hold to catch up to live TV or jump to the end of a recorded show.

Press REPLAY to **jump back 8 seconds**. Press and hold to jump to the beginning of a show.

While watching a recording, press the LEFT arrow ◀ to **stop the recording** and return to the program information screen.

Get where you want to go quickly! From the TiVo Central® screen, press the following number buttons for these **shortcuts**:

- 1 OnePass Manager
- 2 To Do List
- 3 WishList Search screen
- 4 Search
- 5 Browse TV, Movies, and Videos
- 6 History
- 0 Surprise! Watch a TiVo cartoon.

Note: Not all shortcuts are available on all devices.

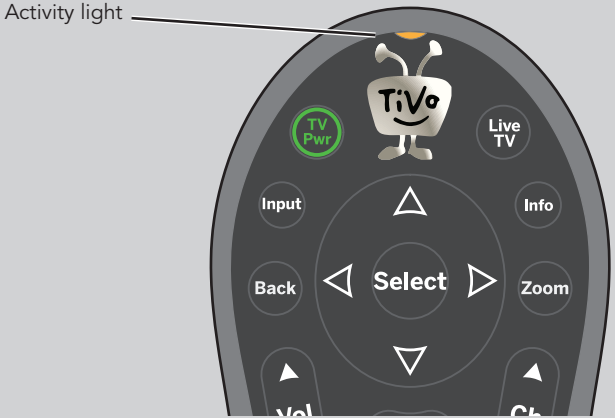
Remote Control Troubleshooting

Press any button on the remote. Does the activity light above the TiVo button on the remote flash?

If the activity light does not flash, make sure the batteries are positioned correctly in the remote. If they are correctly positioned, try a new set of batteries.

If the activity light on the remote does flash, but the lights on the front of the device do not respond to the remote, restart your device by unplugging it, waiting 15 seconds, then plugging it back in.

See the Troubleshooting chapter for more help with your remote control.



Customizing your TiVo® remote

When programmed, the POWER, INPUT, VOLUME, and MUTE buttons on the TiVo remote can control your TV or AV receiver.

Even better, the Roamio remote control is an RF remote. This means that the remote can control your TiVo box even if the box is not in direct line of sight with the remote (for instance, if it is behind a cabinet door).

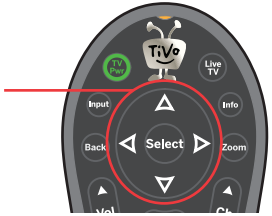
Your remote control should be ready to use in RF mode after you complete Guided Setup. However, if you have trouble using the remote in RF mode, or if you purchase additional remotes, you may need to "pair" the remote to your DVR before using it.

To program or pair your TiVo remote, press the TiVo button to go to the TiVo Central® screen and select 'Messages & Settings,' then 'Settings,' then 'Remote, CableCARD, & Devices,' then 'Remote Control Setup.' Follow the easy on-screen instructions.

Using the on-screen menus

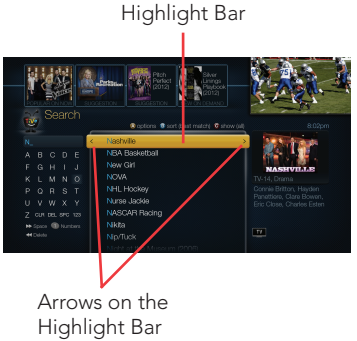
To navigate the on-screen menus, use the remote control's arrow buttons to move to the option you want, then press SELECT.

The LEFT arrow button often takes you to the previous screen.



On-Screen Arrows

The arrows that appear on the highlight bar show the directions you can move. For example, on this screen, you could press the RIGHT arrow to view details about the highlighted title, or the LEFT arrow to go back to the previous screen.



Discovery Bar

The Discovery Bar is the bar of images across the top of the TiVo Central screen and other menu screens. Press the UP arrow to move up to the Discovery Bar, then the LEFT and RIGHT arrows to move around. Select an image that interests you to learn more about that item.

Glossary of on-screen icons

My Shows

Streaming video available to watch now.

Streaming video that is currently unavailable.

Recording will be kept until space is needed.

Recording may be deleted in less than 3 days to make room for other recordings you have requested, but only if space is needed.

Recording may be deleted in less than one day to make room for other recordings you have requested, but only if space is needed.

Recording will be deleted in less than 3 days, due to copyright restrictions.

Recording will be deleted in less than one day, due to copyright restrictions.

Currently being recorded.

Currently downloading or streaming from another TiVo box.

Plain folder – contains more than one episode of the same series.

Folder with red or blue circle – contains a show that is currently recording (red) or downloading/transferring (blue).

Folder with white star – contains one or more shows recorded by a WishList search.

TiVo® Suggestion. TiVo Suggestions are recorded only if space is available, and are the first to be deleted when space is needed.

Other TiVo boxes on your home network.

To Do List & Upcoming Episodes

(These icons appear beside shows scheduled to be recorded or downloaded.)

Show will be recorded or downloaded as an individual recording (not part of a OnePass or WishList® search).

Show will be recorded or downloaded as part of a OnePass.

Show will be recorded as part of a WishList search.